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Lake's
SHENANDOAH NURSERIES
Shenandoah, Iowa

Fall
WHOLESALE TRADE LIST

•

December 10, 1948

ORDER TODAY

LONG DISTANCE PHONES

406 - 407

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR OVER 75 YEARS

1870 1948

TERMS AND CONDITIONS OF SALE

Terms—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET** 30 days thereafter.

Cash security, or satisfactory reference is required from unknown parties. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—Apply upon the following quantities: Fruit Trees, Shade Trees, Shrubs, Roses, Vines, PERENNIALS (including PEONIES and LILIES).

300 or more take 1000 rates where published.
30 to 300 take 100 rates.
Under 30 take 10 rates.

All grades and varieties in any one class are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class,, etc.

SMALL FRUITS, HEDGINGS, PRIVET and ALL SEEDLINGS
300 of same variety and grade take 1000 rates.
Under 300 of same variety and grade take 100 rates.

EVERGREENS, BALLED and BURLAPPED
30 trees (any assortment) take 100 rates.
Under 30 trees (any assortment) take 10 rates.

FALL AND SPRING BULBS
300 or more bulbs (not less than 50 of any one variety) take 1000 rates.
Under 300 bulbs take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for ten of a kind and size, and beyond that for multiples of ten. Orders for broken lots cannot be accepted.

SUBJECT NOTICE—The prices named in this list cancel all previous lists and are SUBJECT TO CHANGE WITHOUT NOTICE. All sales and contracts are made subject to crop losses or other causes over which we have no control.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but, in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged at actual cost of material and labor used.

CLAIMS—FOR ANY CAUSE MUST BE MADE PROMPTLY UPON RECEIPT OF GOODS. WE WILL NOT ENTERTAIN CLAIMS AFTER GOODS HAVE BEEN ONCE ACCEPTED, OR WHEN REPORT IS NOT MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL OF STOCK.

GUARANTEE—WE GIVE NO WARRANTY, EXPRESSED OR IMPLIED, AS TO LIFE, DESCRIPTION. QUALITY, PRODUCTIVENESS, OR ANY OTHER MATTER OF ANY NURSERY STOCK, SEEDS OR PLANTS THAT WE SELL. IT IS MUTUALLY AGREED THAT OUR TOTAL LIABILITY FOR ANY ERRORS, SHOULD STOCK PROVE UNTRUE TO NAME AS LABELED, SHALL BE LIMITED UPON SATISFACTORY PROOF, TO OUR REPLACING FREE OR REFUNDING PURCHASE PRICE.

THE SHENANDOAH NURSERIES

D. S. LAKE, PRESIDENT

K. D. HOLMES, Vice-Pres.
R. S. MULLISON, Vice-Pres.
A. D. HUNT, Treas.
F. E. TUNNICLIFF,Sec'y.
G. E. ROSE, Vice- Pres.

DIRECTIONS

for using

RABBIT-CHECK

IN THE CONTROL OF

RABBITS, FIELD MICE, CROWS, etc.

To discourage rabbits, field mice, moles and other rodents, sprinkle RABBIT-CHECK liberally about planted areas giving special attention to burrows and other soil openings.

To protect seed corn from blackbirds and crows, mix one pound of RABBIT-CHECK with each half bushel of seed and plant as usual.

For the many other uses suggested in this folder, no specific directions are required. Simply apply thoroughly and carefully as circumstances warrant and let the unexcelled repellency properties of RABBIT-CHECK prove their worth.

PRICES

One Pound .....50c Five Pounds.....$2.00

Bulk quantities quoted on application.

For Sale By

PROTECT

your

VICTORY GARDEN

with

RABBIT-CHECK

Safe Repellent

GARDEN V FOR VICTORY

POSITIVE PROTECTION FOR YOUR VICTORY CROPS FROM RABBITS, MOLES, RODENTS, BIRDS, ETC.

Improved RABBIT-CHECK *Repellent*

RABBITS

● With the appetite of a demon and the heart of a play fellow, the rabbit loves only your most prized garden crops. Because of childhood memories and Eastertime associations, no one likes to go after him with traps.

RABBIT-CHECK offers the one sure humane way to end his depredations. Yet, no harm will result to your plants or the soil to which it is applied.

MOLES

● These small burrowing pests are especially active in the late summer and fall. They damage lawns and devour roots, giving special attention to newly planted tulips. Trouble may be averted by dusting the bulbs lightly in advance of planting with RABBIT-CHECK and sprinkling it liberally in the bulb bed soil.

FIELD MICE

● Also prey on tulips, lilies and other fleshy rooted plants and in this respect are in the same class with woodchucks. A simple application as directed for moles will stop their activities in a hurry.

BLACK BIRDS

● And crows can prove both a nuisance and expense particularly around seed corn. RABBIT-CHECK offers dual protection by repelling rodents while seed is in storage and keeping these marauders away while germinating in the field.

Its use has proven entirely harmless to the seed as RABBIT-CHECK does not retard sprouting. Actually, treated seed passes through the planting machine without clogging . . . a complaint so common where soaking is practiced.

PIGEONS

● RABBIT-CHECK is startling in its action in repelling pigeons, starlings, bats and similar pests which frequent attics, belfreys and other upper portions of buildings. Dust heavily the entire habitat and these nuisances will soon disappear.

OTHER USES

This fine product has been successfully used for keeping dogs and cats away from shrubs; protecting seed in storage and repelling rats, mice and other rodents in warehouses and cellars.

Packed Expressly For

M. GOLDFARB, INC. 160 EAST 57th ST. **NEW YORK, N. Y.**

FOREWORD

We have put into this business the skill and experience of seventy-eight years of constant operation and are prepared to render prompt and satisfactory service.

We appreciate the many old and satisfied customers; and those who are unacquainted with us are invited to send in a trial order that we may become better acquainted. We feel confident you will be satisfied with our stock and treatment.

Our variety recommendations are backed up by the test of time. Our advice and service is constantly at the dispopsal of our customers.

LAKE'S

SHENANDOAH NURSERIES

Shown in the above photograph are Dr. A. P. French (left) and his two assistants of the MASSACHUSETTS TRUENESS TO NAME INSPECTION SERVICE, Amherst, Mass., who were engaged by us to inspect our fruit trees.

This picture shows a portion of a block of our apple trees offered for sale on page 5 of this price list.

Shown below is a copy of their certificate of inspection.

MASSACHUSSETTS TRUENESS-TO-NAME INSPECTION SERVICE

Sponsored by The Massachusetts Fruit Growers' Association

Statement of Inspection for Trueness-to-name

Amherst, Mass.
August 29, 1947

To Whom It May Concern:

All two year apple grafts, one and two year apple buds and two year pear buds propagated by and being grown near Shenandoah, Iowa in the nurseries of Lake's Shenandoah Nurseries have been examined by the Massachusetts Trueness-to-name Inspection Service. To the best of our knowledge, these trees are true to name as they now stand in the nursery row.

(signed) *J. K. SHAW*

Please note that caliper shall govern the size of fruit trees. The height given below represents the average height of most varieties.
All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

	Per 10	Per 100	Per 1000
Standard First Class, 5 ft. and up, 7/8 in. and up	$6 00	$55 00	$500 00
" " " 4½ " " " 11/16 to 7/8 in.	5 00	45 00	400 00
" " " 4 " " " 9/16 to 11/16 in.	4 50	37 00	320 00
" " " 3 " " " 7/16 to 9/16 in.	3 20	37 00	320 00
" " " 2 " " " 5/16 to 7/16 in.	2 50	22 50	200 00

Anoka
Baldwin
Banana
Beacon
Blackben
Cortland
Delicious Dark Red
Delicious Yellow
Dolgo
Duchess
Duchess Dark Red
Early Harvest
Edgewood
Fameuse
Fireside
Gallia Beauty
Golda
Gravenstein Red
Grimes Golden
Haralson
Hawkeye Greening
Hibernal
Hyslop
Ingram
Joan
Jonathan
Jonathan Dark Red
Liveland
Lodi
McIntosh
McIntosh Dark Red
McIntosh Early
Macoun
Maiden Blush
Melba
Minjon
Minn. No. 638
Minn. No. 790
Northern Spy Red
Prairie Spy
Red Astrachan
Red June
Red River
Redsiberian
R. I. Greening
Roman Stem
Rome Beauty Red
Sharon
Stayman Dark Red
Tolman Sweet
Turley
Victory
Virginia Crab
Wealthy
Whitney
Winesap Dark Red
Yellow Transparent

APPLE—One Year, Mostly Whips

	Per 10	Per 100	Per 1000
4 to 5 ft.	$3 20	$28 00	$250 00
3 to 4 ft.	2 50	22 50	200 00
2 to 3 ft.	2 10	18 00	150 00

Anoka
Cortland
Delicious Dark Red
Delicious Yellow
Dolga
Duchess Dark Red
Grimes Golden
Hibernal
Jonathan Dark Red
Maiden Blush
McIntosh Dark Red
Red June
Rome Beauty Red
Stayman Dark Red
Turley
Victory
Wealthy
Whitney
Yellow Transparent

CHERRY—Sour

Two Year on Mahaleb

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$10 00	$ 95 00	$900 00
3½ " " " 9/16 to 11/16 in.	9 00	85 00	800 00
3 " " " 7/16 to 9/16 in.	7 50	70 00	------
5 " " " 1 in. and up	12 50	110 00	1000 00

Early Richmond
English Morello
Montmorency
Wragg

CHERRY—Sour

One Year on Mahaleb

	Per 10	Per 100	Per 1000
3½ ft. and up, 11/16 in. and up	$10 00	$ 95 00	$900 00
3 " " " 9/16 to 11/16 in.	9 00	85 00	800 00
2½ " " " 7/16 to 9/16 in.	7 50	70 00	------
2 " " " 5/16 to 7/16 in.	5 50	50 00	------

Early Richmond
English Morello
Montmorency
Wragg

CHERRY—Sweet

One Year on Mahaleb

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up, whips and lightly branched	$12 00	$110 00	$------
4 " " " 9/16 to 11/16 in., whips and lightly branched	9 50	90 00	------
3 " " " 7/16 to 9/16 in., whips and lightly branched	8 00	75 00	------
2½ " " " 5/16 to 7/16 in., whips	6 50	60 00	------

Bing
Black Republican
Black Tartarian
Lambert
Napolean
Yellow Glass
Yellow Spanish

HANSEN'S BUSH CHERRY
(Improved Besseyi)

The fruit is large, sweet, shaped like a plum. Very hardy and bears well in poor soil. Will bear fruit first year planted.

	Per 10	Per 100	Per 1000
18 to 24 in., "	2 40	20 00	------
12 to 18 in., "	1 80	15 00	------

PEAR STANDARD

	Per 10	Per 100	Per 1000
Two Year, 4½ ft. and up, 11/16 in. and up	$ 8 50	$ 80 00	$750 00
" " 4 " " " 9/16 to 11/16 in.	7 00	65 00	600 00
" " 3 " " " 7/16 to 9/16 in.	5 50	50 00	------
" " 2 " " " 5/16 to 7/16 in.	4 50	40 00	------

Anjou
Bantam (Minn. No. 3)
Bartlett
Clapp Favorite
Douglas
Duchesse d'Angouleme
Flemish Beauty
Gorham
Kieffer
Lincoln
Mendel
Parker
Patten
Seckel

PEAR—Dwarf

	Per 10	Per 100	Per 1000
Two Years, 5-8 inch and up	$11 00	$100 00	$------
" " 1-2 to 5-8 inch	8 00	75 00	------

Bartlett
Duchess d'Angouleme
Kieffer
Seckel

PEACH—One Year

	Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up	$ 5 50	$ 50 00	$450 00
4 " " " 9/16 to 11/16 in.	4 50	40 00	350 00
3 " " " 7/16 to 9/16 in.	3 20	28 00	250 00
2 " " " 5/16 to 7/16 in.	2 10	18 00	------

Belle (Belle of Georgia)
Champion
Early Elberta
Elberta
Golden Jubilee
Halberta
Halehaven
Mayflower
Polly
Red Haven
Rochester
Southhaven
Valiant

APRICOT—One Year
(On Peach Roots)

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	$ 8 50	$ 80 00	$ ------
3½ " " " 9/16 to 11/16 in.	7 00	65 00	------
3 " " " 7/16 to 9/16 in.	5 50	50 00	------
2 " " " 5/16 to 7/16 in.	4 00	35 00	------

Chinese
Scout
Superb
Wenatchee Moorpark

HANSEN MANCHURIAN APRICOTS—One Year
(On Peach Roots)

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 in. and up	$ 8 50	$ 80 00	$------
3½ " " " 9/16 to 11/16 in.	7 00	65 00	------
3 " " " 7/16 to 9-16 in.	5 50	50 00	------
2 " " " 5/16 to 7/16 in.	4 00	35 00	------

Manchu
Sing

PLUM

EUROPEAN and JAPANESE
(On Myrobolan)

	Per 10	Per 100	Per 1000
4½ " " " 11/16 in. and up	$ 9 00	$ 85 00	$800 00
4 " " " 9/16 to 11/16 in.	7 50	70 00	650 00
3 " " " 7/16 to 9/16 in.	6 00	55 00	------
2 " " " 5/16 to 7/16 in.	4 50	40 00	350 00

Burbank
Fellenburg
German Prune
Green Gage
Italian Prune
Lombard
Reine Claude
Shropshire Damson
Stanley
Yellow Egg

PLUM One Year

AMERICAN and HARDY HYBRIDS

(On Native Roots)

	Per 10	Per 100	Per 1000
4½ " " " 11/16 in. and up	$ 9 00	$ 85 00	$800 00
4 " " " 9/16 to 11/16 in.	7 50	70 00	650 00
3 " " " 7/16 to 9/16 in.	6 00	55 00	------
2 " " " 5/16 to 7/16 in.	4 50	40 00	350 00

Compass
Ember
Hanska
Kaga
Kahinta
Oka
Superior
Waneta

PLUM One Year

AMERICAN and HARDY HYBRIDS

(On Peach Roots)

4½ " " " 11/16 in. and up	$ 9 00	$ 85 00	$800 00
4 " " " 9/16 to 11/16 in.	7 50	70 00	650 00
3 " " " 7/16 to 9/16 in.	6 00	55 00	------
2 " " " 5/16 to 7/16 in.	4 50	40 00	350 00

Ember
Gold
Hanska
Kaga
Kahinta
Oka
Omaha
Opata
Sapa
Superior
Terry
Toka
Underwood
Waneta

NECTARINE

	Per 10	Per 100	Per 1000
4 ft. and up, 11/16 to 1 in.	$ 8 50	$ 80 00	$ ------
3½ " " " 9/16 to 11/16 in.	7 00	65 00	------

Hunter
Sure Crop

CURRANTS

Tied, No. 1, 25; No. 2, 50 per Bundle.

	Per 100	Per 1000
Cherry, dark red, 2 yr. No. 1	$ 15 00	$125 00
" " " 2 yr. No. 2	9 50	85 00
Fay (Fay's Prolific), dark red, 2 yr. No. 1	15 00	125 00
" " " " " 2 yr. No. 2	9 50	85 00
Perfection, bright red, 2 yr. No. 1	16 50	140 00
" " " 2 yr. No. 2	12 00	100 00
Red Lake, the light red berries are large in long clusters; thrifty and extremely productive.		
2 yr. No. 1	19 00	160 00
2 yr. No. 2	14 00	120 00
Wilder, dark red, 2 yr. No. 1	15 00	125 00
" " " 2 yr. No. 2	9 50	85 00

GOOSEBERRIES

Tied 25 per Bundle.

	Per 100	Per 1000
Champion, a regular and heavy bearer of the finest quality. Berries are of medium size, handsome pale green.		
2 yr. No. 1	$ 22 00	$200 00
2 yr. No. 2	18 00	160 00
Downing, pale green, 2 yr. No. 1	25 00	220 00
" " " 2 yr. No. 2 or 1 yr. No. 1	20 00	180 00
Houghton, dark red, 2 yr. No. 1	20 00	180 00
" " " 2 yr. No. 2 or 1 yr. No. 1	17 00	150 00
Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.		
2 yr. No. 1	33 00	300 00
1 yr. No. 1	28 00	250 00

BLACKBERRIES

Tied 25 per Bundle.

	Per 100	Per 1000
Alfred, No. 1	$ 5 00	$ 45 00
Ancient Briton, No. 1	5 00	45 00
Blowers, No. 1	5 00	45 00
Early Harvest, No. 1	5 00	45 00
Eldorado, No. 1	5 00	45 00
McDonald, No. 1	5 00	45 00
Snyder, No. 1	5 00	45 00

RASPBERRIES

Tied 25 per Bundle.

	Per 100	Per 1000
Chief, a Latham seedling; finest early red; heavy producer.		
No. 1 suckers	$ 5 50	$ 50 00
Cumberland, most widely planted blackcap raspberry.		
Tips	5 00	45 00
Transplants	8 50	80 00
Indian Summer, (Red Everbearing), a superior new everbearing variety; large, of high quality.		
1 yr. No. 1 Suckers	6 50	60 00
Latham, a large, productive red variety, always in demand.		
No. 1, Suckers	5 50	50 00
Logan, very large, jet black, juicy and sweet.		
Tips	5 00	45 00
Morrison, a new blackcap, much larger than Cumberland. Vigorous, disease resistant.		
Tips	6 50	60 00
New Sunrise, one of the newer varieties, firm, juicy fruit, early.		
No. 1, Suckers	5 50	50 00
St. Regis, large and sweet, bears over a long season, red.		
No. 1, Suckers	5 50	50 00
Sodus, a new, very large, drought-resistant purple raspberry, possibly most productive of all raspberries.		
1 yr. No. 1 Tips	6 50	60 00
Taylor, large red, one of the newest and best commercial varieties from the N. Y. Agr. Exp. Sta.		
1 yr. No. 1	5 50	50 00

GRAPE VINES

Tied, 2 yr. No. 1, 50; 2 yr. No. 2, 100 per Bundle.

	Per 100	Per 1000
Agawam, red, 2 yr. No. 1	$ 15 00	$ 125 00
" " 2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Beta, black, 2 yr. No. 1	15 00	125 00
" " 2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Caco, red grape, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens first of September.		
2 yr. No. 1	18 00	------
2 yr. No. 2 or 1 yr. No. 1	14 00	------
Catawba, red, 2 yr. No. 1	15 00	125 00
" " 2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Concord, black, 2 yr. No. 1	12 00	100 00
" " 2 yr. No. 2 or 1 yr. No. 1	8 50	75 00
Delaware, red, 2 yr. No. 1	18 00	150 00
" " 2 yr. No. 2 or 1 yr. No. 1	14 00	120 00

GRAPE VINES—Continued

	Per 100	Per 1000
Fredonia, earliest black grape. Large clusters of berries with a juicy delicious flavor; vigorous and very hardy.		
2 yr. No. 1	$ 15 00	$125 00
2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Moore Early, black, 2 yr. No. 1	16 00	140 00
" " " 2 yr. No. 2 or 1 yr. No. 1	13 00	110 00
Niagara, white, 2 yr. No. 1	15 00	125 00
" " 2 yr. No. 2 or 1 yr. No. 1	12 00	100 00
Portland, earliest white grape, very productive and hardy. Bunches and berries are larger than any other white grape.		
2 yr. No. 1	21 00	180 00
2 yr. No. 2 or 1 yr. No. 1	16 50	140 00
Sheridan, black. Ripens one week later than Concord; better flavor; an excellent keeper.		
2 yr. No. 1	22 00	------
2 yr. No. 2 or 1 yr. No. 1	16 00	------

MISCELLANEOUS

	Per 100	Per 1000
Asparagus, Conover's Washington, Palmetto, 2 yr. No. 1	$ 1 90	$ 16 00
" " " " 1 yr. No. 1	1 20	10 00
Asparagus, Paradise, a tremendous grower, yielding two to three times as much as other varieties. Exceptionally large; fine flavor; rust-proof.		
2 yr. No. 1	1 90	16 00
1 yr. No. 1	1 20	10 00
Boysenberry, Tip plants	5 50	50 00
Boysenberry, Thornless tip plants	6 50	60 00
Dewberry Lucretia, R. C. plants No. 1	4 50	40 00
Horseradish, Crowns	5 50	50 00
" Cuttings	2 90	25 00
Rhubarb, Victoria, Whole Roots, 2 yr. 1½ in. and up	7 00	65 00
" " " " 2 yr. 1 to 1½ in.	5 00	45 00
" " " " 1 yr. ⅝ to 1 in.	4 00	35 00
" " " " 1 yr. ½ to ⅝ in.	2 90	25 00
Rhubarb, Chipman Red, sweet and of excellent flavor; stem dark red throughout.	45 00	------
Rhubarb, McDonald, brilliant crimson, very tender stalks of extra large size. Tremendous yielder.	30 00	------
Rhubarb, Ruby, intensely red and of excellent quality; a new hardy variety.	30 00	------
Youngberry, Tip Plants, No. 1	5 50	50 00

FRUIT TREE SEEDLINGS — American Grown

Our fruit tree seedlings are grown in Washington and Oregon where weather conditions are ideal They are dug only when well ripened, and carefully graded by experienced graders. We are sure you will be pleased with them.

APPLE SEEDLINGS, Western grown

	Per 100	Per 1000
¼ in. and up, branched	$ 3 50	$ 30 00
¼ in. and up, straight	3 20	28 00
No. 1, 3/16 to 1/4 in., branched	2 90	25 00
No. 1, 3/16 to 1/4 in., straight	2 90	25 00
No. 2, 2/16 to 3/16 in., branched	2 10	18 00
No. 2, 2/16 to 3/16 in., straight	2 10	18 00
No. 3, about 2/16 in.	1 40	12 00

FRUIT TREE SEEDLINGS—Continued

	Per 100	Per 1000
CHERRY MAHALEB, Western grown		
1/4 in. and up	$ 3 20	$ 28 00
No. 1, 3/16 to 1/4 in.	3 00	26 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16 in.	1 80	15 00
CHERRY MAZZARD, Western grown		
1/4 in. and up	3 20	28 00
No. 1, 3/16 to 1/4 in.	3 00	26 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16 in.	1 80	15 00
PEAR BARTLETT, Western grown		
1/4 in. and up, branched	3 70	32 00
No. 1, 3/16 to 1/4 in., branched	3 20	28 00
No. 2, 2/16 to 3/16 in., branched	2 40	20 00
No. 3, about 2/16 in.	1 70	14 00
PLUM MYROBOLAN, Western grown		
1/4 in. and up	3 20	28 00
No. 1, 3/16 to 1/4 in.	3 00	26 00
No. 2, 2/16 to 3/16 in.	2 40	20 00
No. 3, about 2/16 in.	1 80	15 00
PLUM NATIVE, Shenandoah grown		
1/4 in. and up	5 60	50 00
No. 1, 3/16 to 1/4 in.	4 50	40 00
No. 2, 2/16 to 3/16 in.	2 90	25 00
No. 3, about 2/16 in.	1 80	15 00

FOREST TREE SEEDLINGS

Our seedlings are all carefully graded, the crooked and poor seedlings being discarded. We are confident that our stock will please you.

	Per 100	Per 1000
ASH, GREEN (Fraxinus pennsylvanica lanceolata)		
6 to 12 in.	$ 1 20	$ 10 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 20	28 00
3 to 4 ft.	4 50	40 00
4 to 5 ft.	7 00	60 00
5 to 6 ft.	9 00	80 00
BOXELDER, (Acer negundo)		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 80	15 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 50	30 00
3 to 4 ft.	5 00	45 00
CARAGANA arborescens (Siberian Peashrub)		
6 to 12 in.	2 40	20 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	8 50	75 00
CATALPA, Western		
6 to 12 in.	90	8 00
12 to 18 in.	1 40	12 00
18 to 24 in.	1 90	16 00
2 to 3 ft.	2 60	22 00
ELM, American (Ulmus americana)		
6 to 12 in.	80	7 00
12 to 18 in.	1 40	12 00
18 to 24 in.	1 90	16 00
2 to 3 ft.	2 60	22 00
3 to 4 ft.	3 70	32 00
4 to 5 ft.	5 60	50 00

FOREST TREE SEEDLINGS—Continued

	Per 100	Per 1000
ELM, Chinese (Ulmus pumila)		
6 to 12 in.	$ 90	$ 8 00
12 to 18 in.	1 70	14 00
18 to 24 in.	2 40	20 00
2 to 3 ft.	3 50	30 00
3 to 4 ft.	5 00	45 00
4 to 5 ft.	8 00	70 00
HACKBERRY, Celtis occidentalis		
6 to 12 in.	$ 1 70	$14 00
12 to 18 in.	2 40	20 00
18 to 24 in.	3 50	30 00
2 to 3 ft.	4 50	40 00
3 to 4 ft.	6 50	55 00
HONEY LOCUST, Thornless (Gleditsia triacanthos inermis)		
12 to 18 in.	1 80	15 00
18 to 24 in.	2 60	22 00
2 to 3 ft.	3 50	30 00
LOCUST, Black (Robinia pseudoacacia)		
12 to 18 in.	1 40	12 00
18 to 24 in.	2 10	18 00
2 to 3 ft.	2 90	25 00
3 to 4 ft.	4 50	40 00
4 to 5 ft.	7 00	60 00
MAPLE, Silver (Acer dasycarpum)		
6 to 12 in.	1 40	12 00
12 to 18 in.	2 10	18 00
18 to 24 in.	3 20	28 00
2 to 3 ft.	4 50	40 00
3 to 4 ft.	7 00	60 00
4 to 5 ft.	9 00	80 00
MULBERRY, Russian (Morus alba tatarica)		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 90	16 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 60	50 00
4 to 5 ft.	8 50	75 00
OAK, Pin. Quercus palustris		
9 to 12 in.	4 50	40 00
12 to 18 in.	5 50	50 00
18 to 24 in.	8 50	75 00
OSAGE ORANGE (Maclura pomifera)		
9 to 12 in.	70	6 00
12 to 18 in.	1 20	10 00
18 to 24 in.	1 70	14 00
2 to 3 ft.	2 10	18 00
3 to 4 ft.	2 90	25 00
RUSSIAN OLIVE (Elaeagnus angustifolia)		
6 to 12 in.	2 40	20 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	60 00

FOREST TREE SEEDLINGS—Continued

WALNUT, Black (Juglans nigra)	Per 100	Per 1000
6 to 12 in.	$ 2 60	$ 22 00
12 to 18 in.	3 50	30 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	6 50	55 00
3 to 4 ft.	9 00	80 00

ONE YEAR FROM CUTTINGS

POPLAR (Populus)

Carolina and Norway

	Per 100	Per 1000
3 to 4 ft., whips	$ 7 00	$ 60 00
4 to 5 ft., lightly branched	8 50	75 00
5 to 6 ft., " "	10 00	90 00

WILLOW (Salix)

Golden

3 to 4 ft.	5 00	45 00
4 to 5 ft.	8 00	70 00

Niobe (Golden Weeping)

2 to 3 ft.	5 50	50 00
3 to 4 ft.	7 00	60 00
4 to 5 ft.	8 50	75 00
5 to 6 ft.	10 50	95 00

Wisconsin (blanda)

2 to 3 ft.	5 50	50 00
3 to 4 ft.	7 00	60 00
4 to 5 ft.	8 50	75 00
5 to 6 ft.	10 50	95 00

Young Stock coming on in one of our fields.

ORNAMENTAL and SHADE TREES

Our Ornamental and Shade Trees are first-class, well-shaped, nursery-grown trees, transplanted and properly spaced to allow ample limb spread. All calipers are taken 6 inches above the collar.

ASH (FRAXINUS)

Green (pennsylvanica lanceolata) 50-60 ft.
Shapely, round-headed trees with slender, spreading branches. Hardy.

	Per 10	Per 100
3 to 4 ft.	$ 3 50	$ 30 00
4 to 5 ft.	4 50	40 00
5 to 6 ft.	6 00	55 00
6 to 8 ft.	8 00	75 00

BIRCH (BETULA)

Cut Leaf Weeping (alba laciniata) 30-40 ft.
Deeply cut leaves on graceful, drooping branches; silvery white bark. Most effective as a specimen lawn tree, or a group planting.

6 to 8 ft. (Root wrapped in moss and burlap)	22 00	200 00
8 to 10 ft. " " " " " "	32 50	300 00

CATALPA

bungei (Manchurian) 10-12 ft.
Large tree, heart-shaped leaves. A dwarf, globe-shaped tree.

2 year heads, 5 to 6 ft. stems	16 50	150 00

CRAB, FLOWERING (MALUS)

2 to 3 ft.	5 50	50 00
3 to 4 ft.	8 00	75 00

Bechtel (ioensis plena) 12-15 ft. May-June. The genuine double-flowering crab; medium-sized tree; hardy. Delicate pink, double, small rose-like flowers; fragrant.

CRAB, FLOWERING (MALUS)

2 to 3 ft.	5 00	45 00
3 to 4 ft.	6 50	60 00
4 to 5 ft.	8 00	75 00

Atrosanguinea Carmine Crab. 15-20 ft.
Brilliant single carmine flowers and purplish-bronze foliage. Resembling wild rose, followed by scarlet fruit.

niedzwetzkyana (Redvein Crab) Large deep pink flowers; red bark, leaves and fruit.

Red Silver. 25-30 ft. Cut-leaved, maroon red and silver foliage, bright red fruit.

CRAB, FLOWERING (Malus)

2 to 3 ft.	4 00	35 00
3 to 4 ft.	5 50	50 00

Hopa (Red Flowering Crab) 20-25 ft. April-May. One of the most desirable varieties. An attractive upright-growing tree that becomes literally covered with large, rose-colored flowers. Very hardy and free from disease. Planted extensively.

ELM (ULMUS)

American White (americana) 60-100 ft.
A stately, massive tree that affords ample shade and shelter.

4 to 5 ft.	4 00	35 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	7 50	70 00
8 to 10 ft.	10 00	90 00
1¼ to 1½ in.	12 00	110 00

ORNAMENTAL and SHADE TREES—Continued

ELM (ULMUS)—Continued

	Per 10	Per 100
Chinese (Ulmus pumila) 40-50 ft.		
A hardy, rapid-growing tree; small dense foliage; drought-resistant.		
4 to 5 ft.	$ 4 00	$ 35 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	7 50	70 00
Lake City		
An especially fine strain of the American Elm. Requires no trimming.		
5 to 6 ft.	8 50	80 00
8 to 10 ft.	14 00	125 00
Moline 80-100 ft.		
Narrow pyramidal; rapid-growing; large handsome green foliage. Uniform trees for street or drive planting.		
4 to 5 ft.	6 50	60 00
5 to 6 ft.	8 50	80 00
6 to 8 ft.	10 00	90 00

MAPLE (ACER)

Norway (platanoides) 50-60 ft.		
Forms a rounded head, with large deep green foliage; very hardy, easily transplanted; changes to a pretty pale yellow in the fall.		
5 to 6 ft. whips	5 50	50 00
5 to 6 ft. branched	14 00	125 00
Schwedleri (Purple Leaf Maple) 40-50 ft.		
A perfectly shaped tree. Gleaming red and purplish-green in Mid-summer and in Autumn golden yellow.		
4 to 5 ft. whips	9 00	85 00
5 to 6 ft. "	11 00	100 00
Silver or Soft (dasycarpum) 60-80 ft.		
Very hardy, rapid-growing tree. Leaves finely cut, green with whitish color underneath.		
4 to 5 ft.	4 00	35 00
5 to 6 ft.	5 50	50 00
6 to 8 ft.	8 00	75 00

ORNAMENTAL and SHADE TREES—Continued

MOUNTAIN ASH (SORBUS)

	Per 10	Per 100

European (aucuparia) 20-40-ft.

Smooth bark and dense, pyramidal heads; berry clusters are large and bright.

4 to 5 ft.	$ 9 50	$ 90 00
5 to 6 ft.	14 00	125 00
6 to 8 ft.	18 00	165 00
8 to 10 ft.	23 00	

MULBERRY (MORUS)

Russian (alba tatarica) 50-60 ft.

Small, light green leaves; greenish-yellow bark. Fruit varies from white to deep violet, very sweet. A very hardy native tree.

4 to 5 ft. branched	2 90	25 00
5 to 6 ft. "	4 00	35 00

OAK (QUERCUS)

Pin (palustris) 70-80 ft.

A broadly pyramidal tree; the leaves are deep green, glossy and finely divided. Orange-scarlet in Fall. A most desirable shade tree.

1½ to 2 in.	32 50	300 00
2 to 2½ in.	45 00	400 00

Red (rubra) 60-80 ft.

A monarch in the tree world. Heavy, shiny, deep green leaves turning crimson in Fall.

5 to 6 ft.	15 00	------
6 to 8 ft.	22 00	200 00
8 to 10 ft.	30 00	

POPLAR (POPULUS)

bolleana 60-80 ft.

Leaves are glossy green above, silvery beneath. A favorite with landscape gardeners to break the outline of most other trees.

4 to 5 ft.	4 50	40 00
5 to 6 ft.	6 50	60 00

Carolina (Norway variety) 70-80 ft.

Bright green foliage, spreading crown, very hardy. Extremely rapid growth.

4 to 5 ft.	2 90	25 00
5 to 6 ft.	4 00	35 00
6 to 8 ft.	5 50	50 00
8 to 10 ft.	8 00	75 00

Lombardy (nigra italica) 50-60 ft.

Rapid, spire-like growth; fine for screens and formal planting.

4 to 5 ft.	2 50	22 50
5 to 6 ft. low branched	3 20	28 00
6 to 8 ft. " "	4 50	40 00
8 to 10 ft. " "	6 00	55 00
1¼ to 1½ in. " "	7 00	65 00

PRUNUS (PERSICA)

Persica (Flowering Peach on peach roots) (Tree form) 15-18 ft.

Red or pink. Double flowers in early Spring. Very showy.

2 to 3 ft.	4 50	40 00
3 to 4 ft.	5 50	50 00
4 to 5 ft.	7 50	70 00
5 to 6 ft.	9 00	85 00

ORNAMENTAL and SHADE TREES—Continued

PRUNUS (PLUM) Tree and bush forms.

	Per 10	Per 100
12 to 18 in.	$ 4 00	$ 25 00
18 to 24 in.	5 50	50 00
2 to 3 ft.	7 00	65 00
3 to 4 ft.	8 50	80 00
4 to 5 ft.	11 00	100 00

Newport (Purple-leaved Plum) (Bush form) (On plum roots) 15-18 ft.

A large shrub with upright growth; purplish-red foliage. Hardy.

persica (Cardinal) 15 to 18 ft.

Double blooms of rich crimson. An outstanding new variety.

triloba (Double Flowering Plum) (Bush form) (On plum roots) 8-10 ft.

Known also as the "Rose Tree of China". One of our finest shrubs; completely covered with pink rose-like flowers in April and May.

REDBUD (CERCIS)

canadensis 20-30 ft.

Produces an abundance of reddish-pink flowers in early Spring; forms a broad head of glossy, heart-shaped leaves that turn pale yellow in Fall.

	Per 10	Per 100
18 to 24 in.	$ 4 00	$ 35 00
2 to 3 ft.	5 50	50 00
3 to 4 ft.	7 50	70 00
4 to 5 ft.	10 00	90 00
5 to 6 ft.	13 50	125 00
6 to 8 ft.	17 50	160 00

RUSSIAN OLIVE (Elaeagnus angustifolia) 20-25 ft.

Attractive silvery gray leaves, grayish white berries. Desirable for grouping. Used extensively for windbreaks. Very hardy.

2 to 3 ft.	3 50	30 00
3 to 4 ft.	4 50	40 00
4 to 5 ft.	5 50	50 00
5 to 6 ft.	7 00	65 00

WILLOW (SALIX)

babylonica 40-50 ft.

A large, graceful Willow; bright green foliage, long wavy branches.

4 to 5 ft.	4 00	35 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	10 00	90 00

Laurel Leaved (pentandra) 30-40 ft.

Bark brownish green; leaves dark, glossy green; shapely upright growth.

2 to 3 ft.	2 90	25 00
3 to 4 ft.	4 00	35 00
4 to 5 ft.	4 50	40 00

Niobe (Golden Weeping) 30-35 ft.

A hardy, graceful weeping tree; light green leaves, golden yellow bark.

3 to 4 ft.	2 90	25 00
4 to 5 ft.	4 00	35 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	10 00	90 00

ORNAMENTAL and SHADE TREES—Continued

WILLOW (SALIX)—Continued	Per 10	Per 100
Pussy (discolor) 20-25 ft.		
Very popular for its gray catkins in early Spring. Small, narrow leaves.		
3 to 4 ft.	$ 4 50	$ 40 00
4 to 5 ft.	5 50	50 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	8 00	75 00
Russian Golden (vitellina) 26-30 ft.		
Extremely hardy. One of the most wind-resisting windbreak trees.		
3 to 4 ft.	2 40	20 00
4 to 5 ft.	3 50	30 00
5 to 6 ft.	5 50	50 00
Wisconsin (blanda) 30-40 ft.		
The popular free-barked weeping willow. The effect of its graceful, drooping branches cannot be matched. Hardy.		
3 to 4 ft.	2 90	25 00
4 to 5 ft.	4 00	35 00
5 to 6 ft.	6 50	60 00
6 to 8 ft.	9 50	90 00
8 to 10 ft.	12 00	110 00

Fine block of Maples growing at Shenandoah. Our Shade Trees, along with all of our other Nursery Stock are under the constant scrutiny and care of our field men who have devoted many years to the art of producing fine nursery stock.

ORNAMENTAL SHRUBS

Our shrubs are bushy and well rooted, twice transplanted; many of them are graded stronger than is required by the American Nurseryman's Association.

The month indicates the average blooming season; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in,. and 2/3 ft., 10; 3/4 and 4/5 ft., 5 per bundle.

ALTHEA (HIBISCUS SYRIACUS) August-September. 10-12 ft.

Large desirable shrub for group and specimen planting, also used for screens.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 1 50	$12 00	$100 00
18 to 24 in.	2 10	18 00	150 00
2 to 3 ft.	2 90	25 00	225 00
3 to 4 ft.	4 00	35 00	300 00

Anemoneflorus, double bright pink.
Boule de Feu, double purplish-red.
Jeanne de Arc, double pure white.
Lucy, very double red.
Purpurea Semi-Plena, semi-double clear purple.
Rubis, single red.
Totus Albus, single white.

BARBERRY (BERBERIS)

EVERGREEN (Mentorensis) Plant Patent No. 99. 4-5 ft.

Rich, deep green rounded foliage, heavy thorns. The foliage turns to coppery-bronze during late fall and early winter.

	Retail Resale Prices			Wholesale Prices, Net		
	Per 3	Per 12	Per 100	Per 10	Per 100	Per 1000
15 to 18 in.	$2 00	$6 00	$40 00	$4 00	$30 00	$------

Redleaf (thunbergi atropurpurea)

Warm bronze-red foliage, intensified in summer and fall. A brilliant accent shrub; a sunny exposure is necessary for color.

12 to 15 in.	2 40	20 00	------

thunbergi. 4-5 ft.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries in winter.

12 to 15 in.	1 90	16 00	140 00
15 to 18 in.	2 40	20 00	180 00
18 to 24 in.	2 90	25 00	220 00
2 to 2½ ft.	3 50	30 00	------

TRUE HEDGE COLUMNBERRY (thunbergi erecta) Plant Patent No. 110. 4-5 ft.

Need not be pruned; extremely formal in shape, more dense, more upright and more richly foliaged than Thunbergi.

	Retail Resale Price				Wholesale Prices, Net		
	Each	Per 5	Per 25	Per 100	Per 10	Per 100	Per 1000
12 to 15 in.	$ 65	$2 50	$11 00	$40 00	$3 50	$28 00	$250 00
15 to 18 in.	80	3 25	14 50	53 00	4 00	35 00	320 00
18 to 24 in.	1 00	4 00	17 50	65 00	5 00	45 00	------

ORNAMENTAL SHRUBS—Continued

BUCKTHORN (RHAMNUS)

cathartica (Common) June. 6 ft.

Attractive ovate, dark green leaves, smaller white flowers; black berries. Used extensively for hedging in the north.

	Per 10	Per 100	Per 1000
18 to 24 in.	$ 1 80	$ 15 00	$ ------
2 to 3 ft.	2 40	20 00	------
3 to 4 ft.	3 20	28 00	------

BUTTERFLY BUSH (BUDDLEIA) Perennial Shrub. July-September. 4-5 ft.

Medium	$ 2 10	$ 18 00	$160 00
No. 1	2 60	22 00	200 00

Ile de France, dark claret-purple. Long spikes; free-flowering and vigorous grower. Bloom profusely.

Dubonnet, 4-5 ft.
The new red Butterfly Bush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

BUTTERFLY BUSH (BUDDLEIA) Newest Varieties

Medium	2 50	22 00	200 00
No. 1	3 20	28 00	250 00

Charming, 5-6 ft. Unusually large compact spikes of pink flowers with lavender cast; blooms all summer. A striking plant in any landscape.

Hartwegi, 4-5 ft.
Flowers bright lavender, foliage dark green. Compact.

CARAGANA (PEASHRUB)

arborescens (Siberian Peashrub) May-June. 10-20 ft.

Small, light green foliage, clusters of bright yellow, pea-shaped flowers. Perfectly hardy, valuable for either group or individual plantings.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 1 70	$ 14 00	$120 00
18 to 24 in.	2 10	18 00	160 00
2 to 3 ft.	2 50	22 00	------

CEPHALANTHUS (BUTTONBUSH)

occidentalis (Common Buttonbush) July. 5-6 ft.

A showy native shrub, particularly desirable in damp soils. Clean glossy foliage and spherical balls of small white flowers.

18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------

CORNUS (DOGWOOD)

alba siberica (Coral Dogwood) April-May. 8-10 ft.

Stout, erect, bright red branches; white flowers, porcelain-blue berries.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

stolonifera (Redosier Dogwood) May-June. 6-8 ft.

Spreading but erect growing; white flowers and berries; dark red bark.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—Continued

CORNUS (DOGWOOD)—Continued

stolonifera lutea (Gold Twig Dogwood) 6-8 ft.

A striking yellow-branched form of Stolonifera; of high decorative value.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------

CRANBERRY, Highbush (See Viburnum)

CYDONIA (CHAENOMELES) (FLOWERING QUINCE)

japonica (Japanese Flowering Quince) March-April 5-6 ft.

Clusters of orange-scarlet flowers; spicily fragrant rounded fruits. Dark shiny foliage; bushy, dense growth.

12 to 18 in.	$ 2 10	$ 18 00	$140 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00

DEUTZIA

Pride of Rochester. May. 8-10 ft.

A tall, broad-topped bush, double white flowers tinged pink.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

ELDER (SAMBUCUS)

Golden American (canadensis aurea) June-July. 8-10 ft.

Hardy, rapid-growing shrub; broad, golden-yellow leaves, tiny white blooms.

3 to 4 ft.	5 00	45 00	------

FORSYTHIA (GOLDEN BELL)

fortunei (Fortune Forsythia) April. 6-8 ft.

A large, upright shrub with slightly drooping branches, golden yellow flowers.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	400 00

intermedia (Border Forsythia) April. 6-8 ft.

One of the most floriferous varieties; slender arching branches; dark green, lustrous leaves. Bright golden yellow flowers in early Spring.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------

ORNAMENTAL SHRUBS—Continued

FORSYTHIA (GOLDEN BELL)—Continued

intermedia spectabilis (Showy Border Forsythia) April. 6-8 ft.

Hardiest of all Forsythias. Very profuse bloomer; rich yellow flowers.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

HEDGING (See Page 27)

HONEYSUCKLE (LONICERA)

grandiflora rosea (Bride Honeysuckle) April-May. 12-15 ft.

Rose-pink flowers in abundance, green rounded foliage. Upright growth.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00

morrowi (Morrow Honeysuckle) May-June. 5-6 ft.

Yellowish-white flowers, followed by red fruit. Broad-spreading growth.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

Tatarian Pink (tatarica rosea) April-May. 10-12 ft.

The well-known pink-flowering Honeysuckle; hardy vigorous grower; red fruit; popular.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

Tatarian Red (tatarica rubra) April-May. 10-12 ft.

We offer the improved strain (Zabeli), the true red Honeysuckle. Attractive dark green foliage; a splendid variety.

12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

Tatarian White (tatarica alba) April-May. 10-12 ft.

White to creamy-white flowers; upright growth. Red berries.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------

HYDRANGEA

arborescens grandiflora (Hills of Snow) June-July. 4-5 ft.

Large flat heads of double snow-white flowers which remain for four or five weeks; large rounded leaves. Thrives in shaded locations.

12 to 18 in.	2 90	25 00	------
18 to 24 in.	4 00	35 00	------
2 to 3 ft.	5 00	45 00	400 00
3 to 3½ ft.	6 00	55 00	500 00

paniculata grandiflora (Peegee Hydrangea) 6-8 ft.

Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.

12 to 18 in.	2 90	25 00	------
2 to 3 ft.	5 00	45 00	400 00
3 to 3½ ft.	6 00	55 00	500 00

ORNAMENTAL SHRUBS—Continued

LILAC (SYRINGA)

	Per 10	Per 100	Per 1000
Common Purple (vulgaris) April-May. 12-15 ft.			
The standard old-fashioned garden variety; single bluish-purple flowers. Thrives well in partial shade.			
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
Persian Purple (persica) April-May. 8-10 ft.			
Slender arching branches, small leaves and lilac flowers.			
12 to 18 in.	2 50	22 00	------
18 to 24 in.	3 50	30 00	280 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00
rothomagensis (chinensis) April-May. 8-10 ft.			
Upright, vigorous growth, slender branches; reddish-lilac flowers in broad panicles. Free-flowering and hardy.			
12 to 18 in.	2 50	22 00	------
18 to 24 4in.	3 50	30 00	270 00
2 to 3 ft.	4 50	40 00	350 00
3 to 4 ft.	5 50	50 00	450 00

PHILADELPHUS (MOCK ORANGE, SYRINGA)

Bouquet Blanc. May-June. 4-5 ft.			
Close-set branches of fragrant double white flowers; rich green foliage.			
12 to 18 in.	2 50	22 00	------
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------
coronarius (Sweet Mock Orange) May-June. 8-10 ft.			
The old-fashioned sweet-scented Mock Orange; free-flowering and vigorous.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
grandiflorus (Scentless Mock Orange) May-June. 10-12 ft.			
Large scentless white flowers in clusters; branches somewhat straggling.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
Virginal May-June. 7-8 ft.			
Semi-double, fragrant white flowers, much larger than any other variety. Blooms intermittently all summer.			
12 to 18 in.	3 50	30 00	------
18 to 24 in.	4 50	40 00	------
2 to 3 ft.	5 50	50 00	------

PHYSOCARPUS (NINEBARK)

opulifolius (Common Ninebark) May-June. 8-10 ft.			
A fine massing shrub; dark green foliage, creamy white flowers followed by attractive reddish seed pods. Does well in partial shade.			
12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	------

ORNAMENTAL SHRUBS—Continued

PHYSOCARPUS (NINEBARK)—Continued

opulifolius nana (Dwarf Ninebark) May-June. 4-5 ft.

A valuable, hardy, low-growing shrub. Dwarf form, dense growth. White flowers followed by small red seed pods.

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00

PRIVET (LIGUSTRUM)

Amur River North (amurense) June. 8-12 ft.

Vigorous, upright growth; white flowers followed by black berries. Hardy.

	Per 100	Per 1000
9 to 12 in.	$ 4 50	$ 40 00
12 to 18 in., 2 canes and up	5 60	50 00
12 to 18 in., 3 " " "	7 00	60 00
18 to 24 in., 2 " " "	7 00	60 00
18 to 24 in., 3 " " "	9 00	80 00
2 to 3 ft., 2 and 3 canes and up	9 00	80 00
2 to 3 ft., 4 canes and up	12 00	100 00
3 to 4 ft., 4 " " "	16 00	140 00
3 to 4 ft., 5 " " "	18 00	160 00

California (ovalifolium) June-July. 8-12 ft.

9 to 12 in., branched	4 00	35 00
12 to 18 in., 3 canes and up	5 60	50 00
18 to 24 in. 3 " " "	7 00	60 00
2 to 3 ft., 4 canes and up	8 50	75 00

ibolium (Hardy California) June-July. 6-8 ft.

Very similar to, but much hardier than California Privet, not as evergreen.

9 to 12 in.	4 00	35 00
12 to 18 in., 3 canes and up	5 60	50 00
18 to 24 in., 3 " " "	7 00	60 00
2 to 3 ft., 4 " " "	9 00	80 00

Regel (regelianum) 6-8 ft.

Low, dense growth, horizontal, spreading branches, berries remain all winter.

12 to 18 in.	15 00	------
18 to 24 in.	28 00	250 00
2 to 2½ ft.	32 00	280 00
2½ to 3 ft.	36 00	320 00

PRUNUS, Ornamental Plums. (See Deciduous Trees)

QUINCE JAPONICA. (See Cydonia)

RHUS (SUMAC)

aromatica (canadensis) Fragrant Sumac. April-May. 5-6 ft.

Low spreading shrub with clusters of small yellow flowers, red berries; fragrant foliage turns to orange and scarlet in the Fall.

	Per 10	Per 100	Per 1000
2 to 3 ft.	4 00	35 00	------

Cut Leaf (typhina laciniata) 8-10 ft.

Finely dissected leaves that turn a brilliant red in Fall. Very ornamental.

12 to 18 in.	2 10	18 00	------
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

ORNAMENTAL SHRUBS—Continued

RHUS (SUMAC)—Continued

	Per 10	Per 100	Per 1000
Smooth (glabra) 6-10 ft.			
Dwarf habit; rich Autumn coloring; red seeds in clusters.			
12 to 18 in.	$ 1 70	$ 14 00	$120 00
18 to 24 in.	2 50	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 50	40 00	------
Staghorn (typhina) June-July. 12-20 ft.			
Flowers green, borne in dense terminal panicles; red berries and foliage in Autumn. Thrives in poor, rocky soil.			
12 to 18 in.	1 90	16 00	------
18 to 24 in.	2 60	22 00	200 00
2 to 3 ft.	3 20	28 00	250 00
3 to 4 ft.	4 50	40 00	350 00

SPIREA

arguta (Garland) April-May. 5-6 ft.			
Small, fern-like foliage; slender branches; minute pure white flowers.			
2 to 3 ft.	4 00	35 00	------
3 to 4 ft.	5 00	45 00	------
billiardi Pink. July-September. 5-6 ft.			
Strong growth. Dull green foliage, dense panicles of lilac-pink flowers.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
bumalda superba.			
Dwarf shrub with deep rosy-pink flowers in flattish heads; upright growth, Improved strain of bumalda.			
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------
froebeli (Froebel) May-June. 3-4 ft.			
Dwarf growth, vigorous and very hardy; large flat heads of rosp-pink flowers. Foliage turns brilliant red in Autumn.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 2½ ft.	3 50	30 00	270 00

opulifolia (See Physocarpus opulifolius)

opulifolia aurea (See Physocarpus opulifolius aureus)

opulifolia nana (See Physocarpus opulifolius nana)

vanhoutte April-May. 5-6 ft.			
A most desirable shrub for hedges, base planting and mass planting; gracefully arching branches; fragrant white flowers in clusters.			
12 to 18 in.	1 40	12 00	100 00
18 to 24 in.	1 90	16 00	140 00
2 to 3 ft.	2 50	22 00	200 00
3 to 4 ft.	3 50	30 00	270 00

ORNAMENTAL SHRUBS—Continued

SYMPHORICARPOS (SNOWBERRY)

	Per 10	Per 100	Per 1000
chenaulti (Improved Coralberry) June-July. 4-5 ft.			
Small white fruit with red dots; a hybrid originating in the Arnold Arboretum.			
12 to 18 in.	$ 1 90	$ 16 00	$------
18 to 24 in.	2 50	22 00	------
2 to 3 ft.	3 50	30 00	------
racemosus (Common White Snowberry) June-July. 3-5 ft.			
A fine general-purpose shrub; adapted to shady locations; maintains a good green foliage. Pink flowers, white berries.			
12 to 18 in.	1 60	14 00	------
18 to 24 in.	2 10	18 00	160 00
2 to 3 ft.	2 90	25 00	220 00
vulgaris (Indiancurrant; Coralberry) June-July. 4-6 ft.			
A hardy native shrub; pink flowers, purplish-red berries in bunches.			
12 to 18 in.	1 60	14 00	------
18 to 24 in.	2 10	18 00	160 00
2 to 3 ft.	2 90	25 00	220 00

TAMARIX

	Per 10	Per 100	Per 1000
12 to 18 in.	$ 2 10	$ 18 00	$160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00

africana. May. 10-12 ft.
Slender spreading branches, reddish brown bark, pink flowers.

amurensis (Amur Tamarix) August-September. 8-10 ft.
Purple branches, graceful foliage. Thrives in dry soil.

hispida (Kashgar Tamarix) August-September. 12-15 ft.
Slow, compact, upright growth; long panicles of bright pink flowers.

odessana (Odessa Tamarix) July. 6-8 ft.
Dwarf, bushy growth; loose panicles of lavender-pink flowers.

tetandra purpurea. May-June. 10-12 ft.
Vigorous growth, bright green foliage, pink flowers. Very hardy.

NOTE: Tamarix should be cut to the ground when planted. If this is not done, it is doubtful that plants will grow.

VIBURNUM

opulus (European Cranberry Bush; Highbush Cranberry) April-May. 10-12 ft.			
A popular, hardy shrub, single white flowers followed by large bunches of crimson berries which hang until destroyed by frost.			
12 to 18 in.	$ 2 50	$ 22 00	------
18 to 24 in.	3 50	30 00	------

WEIGELA (DIERVILLA)

Eva Rathke (Red Flowering Weigela) May-June. 4-5 ft.			
Attractive foliage; clear ruby red trumpet-shaped flowers over long season.			
12 to 18 in.	3 20	28 00	250 00
18 to 24 in.	4 50	40 00	350 00
Hendersoni. May-June. 6-8 ft.			
One of the hardier varieties of Weigela. A splendid shrub; produces quantities of light crimson flowers.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	------
2 to 3 ft.	4 00	35 00	------
rosea (Pink Weigela) May-June. 6-8 ft.			
Erect, compact growth; fine rose-colored flowers. Used extensively.			
12 to 18 in.	2 10	18 00	160 00
18 to 24 in.	2 90	25 00	220 00
2 to 3 ft.	4 00	35 00	300 00
3 to 4 ft.	5 00	45 00	400 00
Variegated (Variegated-leaf Weigela) May-June. 4-5 ft.			
Dwarf, leaves margined creamy white; flowers pink. One of the most useful variegated shrubs.			
12 to 18 in.	2 50	22 00	------
18 to 24 in.	3 50	30 00	------
2 to 3 ft.	4 50	40 00	------

CLIMBING VINES

Tied, 2 year Medium, 25; 2 year No. 1, 10; 3 year, 5 per bundle.

AMPELOPSIS

	Per 10	Per 100	Per 1000
engelmanni (Engelmann Creeper) 30-40 ft.			
Self-clinging woodbine. Very hardy. Dark green five-lobed leaves turning brilliant crimson in Fall; Blue-black fruit.			
2 year, Medium	$ 1 90	$ 16 00	$140 00
2 " No. 1	2 40	20 00	180 00
3 " No. 1	2 90	25 00	------
quinquefolia (Virginia Creeper) July-August. 30-40 ft.			
A perfectly hardy, rapid climber; large, five-lobed leaves which change to bright scarlet in Autumn.			
2 year, Medium	1 90	16 00	140 00
2 " No. 1	2 40	20 00	180 00
veitchi (Tricuspidata) Boston Ivy. 40-50 ft.			
Dark green, usually three-lobed leaves; will cling perfectly to the smoothest surfaces. Changes to shades of yellow, orange and scarlet in Autumn. When once established, it is quite hardy.			
2 year, Medium	2 10	18 00	160 00
2 " No. 1	2 60	22 00	200 00
3 " No. 1	3 50	30 00	------

BIGNONIA

radicans (Trumpet Creeper) July-August. 20-30 ft.			
A robust, woody fern-leaf vine; twining tightly with numerous roots along its stems; trumpet-shaped orange-scarlet flowers in clusters.			
2 year, Medium	2 40	20 00	------
2 " No. 1	2 90	25 00	------
3 " No. 1	3 20	28 00	------

CELASTRUS

scandens (American Bittersweet) 20-25 ft.			
Light green, glossy foliage; large clusters of orange-scarlet fruit in graceful sprays retained throughout the winter.			
2 year, Medium	2 10	18 00	------

HONEYSUCKLE (LONICERA)

Gold Flame. May until Frost. 15-20 ft.			
Flowers flame-coral, inside clear yellow, produced in clusters.			
2 year, No. 1	4 50	40 00	------
2 " Medium	3 70	32 00	-----
Hall's Japan (Japonica Halliana) July-October. 20-25 ft.			
Fragrant, pure white flowers, changing to yellow; almost evergreen.			
2 year, Medium	1 70	14 00	120 00
2 " No. 1	2 10	18 00	150 00
Scarlet Trumpet (Sempervirens) May-August. 10-25 ft.			
A half-climbing shrub; dark green foliage, orange-scarlet tubular flowers.			
2 year, Medium	2 40	20 00	180 00
2 " No. 1	2 90	25 00	220 00

CLIMBING VINES—Continued

HONEYSUCKLE (LONICERA)—Continued

	Per 10	Per 100	Per 1000
Summer King (Heckrotti) May until Frost. 15-20 ft.			
Large fragrant flame-red trumpets lined with gold and rose are produced in immense showy clusters; blooming from early summer until frost. The blooms are produced the same year the plant is set out. Foliage, dark blue-green, disease and pest-free.			
2 year, Medium	$ 3 70	$ 32 00	$
2 " No. 1	4 20	40 00	
POLYGONUM auberti			
(Silver Lace Vine; Chinese Fleecevine) July-September. 25-30 ft.			
A fast-growing, twining vine; light green leaves, fleecy white flowers.			
2 year, Medium	2 90	25 00	
2 " No. 1	3 50	30 00	270 00

HEDGING

Lighter grade than regular shrub grade; strong hedging grade.

	Per 100	Per 1000
BARBERRY, (BERBERIS)		
thunbergi (Japanese Barberry)		
9 to 12 in., 1 year seedlings	$ 3 50	$ 30 00
9 to 12 in., 2 year seedlings, branched	5 50	50 00
12 to 18 in., 2 and 3 year seedlings, branched	7 50	70 00
18 to 24 in., 2 and 3 year seedlings, branched	10 00	90 00
CARAGANA arborescens (Siberian Pea Tree)		
6 to 12 in.	2 40	20 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
2 to 3 ft.	5 00	45 00
3 to 4 ft.	6 00	55 00
HONEYSUCKLE (Lonicera)		
Tatarian—Pink, Red, White		
9 to 12 in.	7 00	60 00
12 to 18 in.	8 50	75 00
2 to 3 ft.	15 00	130 00
MULBERRY (MORUS) Russian, tatarica		
6 to 12 in.	1 20	10 00
12 to 18 in.	1 90	16 00
18 to 24 in.	2 90	25 00
2 to 3 ft.	4 00	35 00
PRIVET—See Ornamental Shrubs.		
RUSSIANOLIVE (Elaeagnus angustifolia)		
6 to 12 in.	2 10	18 00
12 to 18 in.	3 20	28 00
18 to 24 in.	4 50	40 00
SPIREA vanhoutte		
9 to 12 in.	6 00	50 00
12 to 18 in.	9 00	80 00
18 to 24 in.	12 00	100 00
2 to 3 ft.	16 00	140 00

NOTE. HONEYSUCKLE Heckrotti makes a novel and attractive hedge when planted in rows and kept sheared; blooms all summer. See Climbing Vines for further description and prices.

EVERGREENS

(Balled and Burlapped)

Our Evergreens are all grown at good distance for symmetrical development, are top pruned into handsome, shapely trees that will transplant successfully if given average care.

Evergreens that are selected and marked by customers in the Nursery will carry 20 percent additional charge above the following listed price.

All evergreens sold with the distinct understanding that if they arrive in good condition and are accepted, our responsibility ceases.

Evergreens can be supplied with the roots puddled if desired at 15¢ and 20¢ reduction from the listed prices on 18 to 24 inch and 2 to 3 feet sizes respectively.

Customers desiring the tops of Evergreens wrapped in burlap will be charged at cost for the extra labor and burlap used.

ABIES (FIR)

concolor (Silver) 70-80 ft.

Long, soft, grayish-blue needles. One of the finest evergreens of this type.

	Per 10	Per 100
3 to 4 ft.	$ 50 00	$ ------
4 to 5 ft.	75 00	------
5 to 6 ft.	100 00	------
6 to 8 ft.	130 00	------

douglasi (Douglas) (Pseudotsuga douglasi) 70-80 ft.

Bluish-green foliage. One of our most important Evergreen trees. Stands crowding well, considerable shade, and responds to trimming.

2 to 3 ft.	32 50	300 00
3 to 4 ft.	42 50	400 00
4 to 5 ft.	60 00	550 00
5 to 6 ft.	80 00	750 00
6 to 8 ft.	110 00	1000 00

VARIETIES OF JUNIPER CHINENSIS

JUNIPERUS (JUNIPER)

chinensis (Chinese) 15-20 ft.

Sharp, prickly needles, light green with a slightly bluish cast. Will thrive anywhere except in heavy rich or poorly drained soil.

	Per 10	Per 100
3 to 3½ ft.	$ 40 00	$375 00
3½ to 4 ft.	47 50	450 00
4 to 5 ft.	60 00	575 00

chinensis pfitzeriana (Pfitzer Juniper) 6-8 ft. spread.

Dark gray-green foliage; graceful low, irregular spreading form. Remarkably adaptable to various conditions and soils. Very hardy. SOLD OUT

chinensis pfitzeriana aurea (Hill Golden Pfitzer Juniper)

A strong, robust grower. In spring, foliage is clear yellow. Loses some of its bright color during summer and becomes almost green in winter.

18 to 24 in.	30 00	------
2 to 2½ ft.	35 00	------
2½ to 3 ft.	42 50	------

chinensis pyramidalis glauca (Blue Columnar Juniper) 15-20 ft.

Attractive glaucous blue color; sharp prickly leaves. Does well in hot dry locations, is also immune to severe cold.

2½ to 3 ft.	37 50	350 00
3 to 3½ ft.	42 50	400 00
3½ to 4 ft.	50 00	475 00
4 to 5 ft.	60 00	575 00
5 to 6 ft.	75 00	700 00

VARIETIES OF JUNIPER CHINENSIS—Continued

JUNIPERUS (JUNIPER)—Continued

	Per 10	Per 100
chinensis pyramidalis Green (Green Columnar Juniper) 15-20 ft. The description of the blue form applies also to the green. However, the color is bright green with some foliage variations.		
2½ to 3 ft.	$ 37 50	$350 00
3 to 3½ ft.	42 50	400 00
4 to 5 ft.	60 00	575 00
5 to 6 ft.	75 00	700 00

VARIETIES OF MISCELLANEOUS JUNIPERS

communis hibernica (Irish Juniper) 6-8 ft.
Very symmetrical in outline; glaucous green foliage. A distinct and beautiful dwarf-growing tree.

2 to 3 ft.	19 00	175 00
3 to 4 ft.	27 50	250 00

excelsa stricta (Spiny Greek Juniper)
Compact, well shaped pyramidal form; foliage gray-green.

3½ to 4 ft.	32 50	300 00
4 to 5 ft.	50 00	475 00

horizontalis (Prostrate Juniper) 6-8 ft. spread
Long, trailing stems with upright spreading branches; dark green foliage. Grows rapidly and makes a very pleasing effect when planted on terraces.

18 to 24 in.	22 50	200 00
2 to 2½ ft.	30 00	275 00
2½ to 3 ft.	35 00	325 00

horizontalis plumosa (Andorra Creeping Juniper) 5 ft. spread
A dwarf spreading Juniper of silvery green color; foliage turns to pinkish or purple color in Autumn, a distinct color which holds until Spring.

3 to 3½ ft.	42 50	400 00

sabina (Savin Juniper) 3-4 ft.
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage.

15 to 18 in., spread	SOLD OUT	
2½ to 3 ft., "	SOLD OUT	

VARIETIES OF JUNIPER SCOPULORUM

scopulorum (Colorado Silver Juniper) 25-30 ft.
Seedling form of the widely known and valuable Western Juniper. Silvery foliage, symmetrical growth. Thrives in hot, dry weather. SOLD OUT

scopulorum argentea Blue Moon. 18-20 ft.
Bushy, broad pyramid; silvery-blue color; delicate foliage.

4½ to 5 ft.	75 00	- - -

scopulorum columnaris. 18-20 ft.
A selected type with narrow, upright growth; gray-green foliage.

4½ to 5 ft.	75 00	----
5 to 6 ft.	85 00	------

scopulorum Chandler's Mission 15-18 ft.
Upright habit, pyramidal, full at base and grows compact. Foliage greenish-silver.

2½ to 3 ft.	42 50	------

VARIETIES OF MISCELLANEOUS JUNIPERS—Continued

VARIETIES OF JUNIPER SCOPULORUM—Continued

	Per 10	Per 100
scopulorum Gareei depressa. 4-5 ft.		
A low spreading form somewhat similar to Juniper Pfitzeriana. Bluish-green foliage.		
18 to 24 in., spread	$ 32 50	$300 00
2 to 2½ ft.	42 50	400 00
scopulorum Holman's Green		
One of the best green Scopulorums. Narrow pyramidal habit of growth. Retains its bright green color throughout the winter.		
3 to 3½ ft.	50 00	------
4½ to 5 ft.	75 00	------
scopulorum horizontalis (Silver Hill Juniper) 15-18 ft.		
Compact, symmetrical and of bright light bluish color. One of the leading ornamental trees.		
2½ to 3 ft.	42 50	------
scopulorum Hendricks. 12-15 ft.		
Very compact, solid grower. Broad wedge shape. Color steel blue.		
2½ to 3 ft.	42 50	------
3 to 3½ ft.	50 00	------
3½ to 4 ft.	57 50	------
scopulorum sutherland. 12-15 ft.		
One of the most desirable and very outstanding green foliaged, cone-shaped Junipers.		
3 to 3½ ft.	52 50	500 00
scopulorum viridifolia (North Star Juniper) 18-20 ft.		
Light shiny green, whipcord foliage; pyramidal growth. This tree will hold its color exceptionally well throughout the winter.		
2½ to 3 ft.	42 50	400 00
3½ to 4 ft.	57 50	------

VARIETIES OF VIRGINIANA JUNIPERS

virginiana burki (Burk's Juniper) 10-15 ft.		
Dark steel-blue foliage; upright broad, symmetrical habit of growth.		
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4½ to 5 ft.	80 00	775 00

virginiana canaerti (Canaert's Red Cedar) 15-18 ft.

Soft, dark green foliage; the most popular of the many grafted varieties. Holds its color well throughout the year. Frequently produces silvery-blue berries.

	Per 10	Per 100
2½ to 3 ft.	$ 47 50	$450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4 to 4½ ft.	70 00	675 00
4½ to 5 ft.	80 00	775 00
5 to 6 ft.	90 00	875 00

VARIETIES OF VIRGINIANA JUNIPERS—Continued

virginiana columnaris glauca. 15-20 ft.

A good steel-blue of Virginiana that appears to be worthy of special merit; responds well to close shearing and special care.

	Per 10	Per 100
2½ to 3 ft.	$ 45 00	$ ------
3 to 3½ ft.	52 50	------

virginiana columnaris Green. 15-20 ft.

A splendid dark-green type of Virginiana of uniform, pyramidal growth.

3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4 to 4½ ft.	70 00	675 00
4½ to 5 ft.	80 00	775 00
5 to 6 ft.	90 00	875 00

virginiana elegantissima Lee (Gold Tip Red Cedar) 12-15 ft.

Forms a broad pyramidal tree; branches have bright yellow tips turning bronze in winter making a pleasing color variation.

2½ to 3 ft.	47 50	450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00

virginiana glauca (Silver Red Cedar) 18-20 ft.

Uniquely attractive; the broadly conical form and beautiful glaucous blue foliage make it one of the choicest Junipers.

2½ to 3 ft., sheared	47 50	450 00
3 to 3½ ft., "	55 00	525 00
3½ to 4 ft., "	62 50	600 00

virginiana keteleeri. 15-18 ft.

Medium-sized pyramidal tree of light green color, does not turn brown in winter. A fine disease-resistant, hardy variety.

2½ to 3 ft.	47 50	450 00
3 to 3½ ft.	55 00	525 00
3½ to 4 ft.	62 50	600 00
4 to 4½ ft.	70 00	675 00
4½ to 5 ft.	80 00	775 00
5 to 6 ft.	90 00	875 00

virginiana kosteri. 4-5 ft.

Low spreading variety with half erect arching branches; bluish-green foliage. Very hardy.

18 to 24 in., spread	32 50	300 00

virginiana pyramidalis (Pyramidal Red Cedar) 10-12 ft.

Intense green foliage, narrow columnar habit with branches ascending upward. One of the most interesting and attractive better evergreens.

2½ to 3 ft.	47 50	450 00

PICEA (SPRUCE)

excelsa (Norway Spruce) 60-70 ft.

A lofty, noble tree of open, pyramidal habit, dark green foliage.

2 to 3 ft.	19 50	175 00
3 to 4 ft.	30 00	275 00
4 to 5 ft.	40 00	375 00
5 to 6 ft.	52 50	500 00

PICEA (SPRUCE)—Continued

	Per 10	Per 100
glauca densata (Black Hill Spruce) 40-50 ft.		
Usually symmetrical, compact, and bushy; foliage varies from green to blue-green. Retains its branches close to the ground even in old trees. One of the hardiest Spruces.		
18 to 24 in.	$ 16 50	$150 00
2 to 2½ ft.	22 50	200 00
2½ to 3 ft.	27 50	250 00
3 to 3½ ft.	32 50	300 00
3½ to 4 ft.	37 50	350 00
4 to 5 ft.	47 50	450 00
5 to 6 ft.	57 50	550 00
pungens, (Colorado Green Spruce) 60-80 ft.		
Symmetrical upright habit. Light green, sometimes silvery foliage. Popular hardy tree. Succeeds in dry climates.		
18 to 24 in.	22 50	200 00
2 to 2½ ft.	27 50	250 00
2½ to 3 ft.	32 50	300 00
pungens glauca, (Colorado Blue Spruce) 60-80 ft.		
Select Seedling type. Foliage ranging from blue to silvery white. Very popular for lawn planting.		
18 to 24 in.	37 50	350 00
2 to 2½ ft.	50 00	450 00
2½ to 3 ft.	65 00	600 00
3 to 3½ ft.	80 00	750 00
pungens glauca moerheimi (Moerheims Blue Spruce) 60-70 ft.		
The impressive aristocrat of the evergreen family. Bright, intense blue; compact, uniform development and broadly pyramidal specimens.		
3½ to 4 ft.	150 00	------
4 to 4½ ft.	175 00	------
4½ to 5 ft.	200 00	------

PINUS (PINE)

montana mughus (Mugho Pine 3-4 ft.)		
Dwarf, round-headed pine, compact deep green foliage. Free from insects and pests. Will grow in almost any location.		
15 to 18 in., spread	25 00	225 00
18 to 24 in., "	30 00	275 00
2 to 2½ ft.	35 00	325 00
2½ to 3 ft.	37 50	------
nigra (Austrian or Black Pine) 60-70 ft.		
Remarkably robust, spreading; leaves long, stiff and dark green. Hardy. Used extensively in cities, as it is not affected by coal, gas, and smoke.		
2 to 3 ft.	42 50	400 00
3 to 4 ft.	52 50	500 00
sylvestris (Scotch Pine) 60-70 ft.		
Foliage, light green with bluish cast, reddish-brown branches form a rounded head; will thrive in almost all soils. Very hardy.		
2 to 3 ft.	32 50	------
3 to 4 ft.	37 50	------
4½ to 5 ft.	42 50	400 00

PSEUDOTSUGA (See Abies)

TAXUS

cuspidata (Spreading Japanese Yew) 5-6 ft.		
Rich dark green foliage; spreading, bushy habit. Plant in shaded location for best results. Valuable for hedging and foundation planting.		
15 to 18 in., spread	37 50	350 00
18 to 24 in., "	47 50	450 00

ROSES

All roses are tied No. 1 and No. 1½, 10 per bundle No. 2, 25 per bundle. We do not break bundles.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 50	$ 50 00	$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

Ami Quinard, dark velvety crimson, almost black; fragrant.

Caledonia, large double white; long buds opening to large, double flowers.

Christopher Stone, alive with vivid scarlet, petals glowing with a velvety sheen. Deliciously scented. Very popular.

Condesa de Sastago, petals are coppery-pink inside, golden reverse.

Contrast, long-pointed bud opening to large, double high-centered flowers of pink and bronze, reverse white and bronze; long stem. Vigorous and profuse.

Duquesa de Panaranda, strong vigorous grower, very free-flowering; apricot-orange to dark pink. A most desirable variety.

Edith Nellie Perkins, delicate color blends of light cerise-pink and gold.

Editor McFarland, shapely buds and double, brilliant pink blooms; profuse.

E. G. Hill, great massive blooms of deep, velvety maroon; very fragrant.

Etoile de Hollande, one of the best dark red roses; a strong grower, free-flowering, very fragrant.

Golden Charm, dainty pointed yellow blooms.

Grenoble, one of the better reds; double scarlet-red blooms on long stems; very vigorous grower; profuse and hardy.

Gruss an Teplitz, deep scarlet-crimson flowers in clusters; a free and continuous bloomer; one of the hardiest varieties.

Heinrich Wendland, large double blooms of nasturtium-red, reverse of petals golden yellow; distinctly two-toned.

Hinrich Gaede, rich vermilion flowers shaded with golden yellow, richly fragrant. Blooms freely and continuously.

Joanna Hill, double blooms of golden buff, yellow center; fragrant.

Julien Potin—pointed, deep yellow buds, very vigorous grower. Profuse bloomer.

K. A. Viktoria, very popular, free-flowering, double, pure white.

Konigin Luise, large solid buds. Very double snow-white flowers tinged lemon. One of best whites.

McGredy's Ivory, ivory-white, perfectly shaped double blooms; sweet-scented.

McGredy's Yellow, well formed flowers of bright buttercup yellow. Glossy.

Mme. Joseph Perraud, high-centered, perfectly formed buds and double blooms shading from shell pink at the edges to buff and orange in the center. An excellent variety of superior quality.

Picture, a very beautiful new Rose. Warm pink, undertones of salmon; a very strong and one of the most vigorous plants.

Pink Dawn, deep rose-pink, lightly toned orange; well formed flowers.

Poinsettia, one of the most brilliant red roses ever produced, Poinsettia scarlet. A good grower and fine as a cut flower.

All of our roses are stored in our new cold storage, one of the most modern and best of its kind in the country. After several years of careful experimentation we have equipped this storage with the new germicidal lamps which our tests have shown will enable us to keep roses through the entire shipping season with absolutely no mold forming on the plants. We have also been able to reduce sprouting in storage to a minimum by installing automatic controls for temperature and humidity in our cold storage room.

ROSES—Continued

TEA, HYBRID TEA AND EVERBLOOMING—Continued

President Herbert Hoover, a glorious rose; cerise toned yellow, orange and scarlet; very fragrant.

Radiance, large brilliant rose-pink; very fragrant. A most popular variety.

Red Radiance, bright rosy-red, free-blooming; delightfully fragrant.

Rouge Mallerin, large, lasting velvety red, very double blooms.

Soeur Therese, double rich yellow blooms; vigorous, upright, profuse.

Talisman, golden-yellow, stained coppery-red and orange-rose; a favorite variety.

The Doctor, a great achievement in rose breeding. The buds are long and pointed; enoromous blooms of silvery pink.. Intensely fragrant.

Yellow Sastago, vigorous yellow sport of the popular bush variety.

HYBRID PERPETUAL ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 50	$ 50 00	$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

American Beauty, a very popular cerise-red variety.

Frau Karl Druschki, very popular large pure white.

General Jacqueminot, old favorite, dark red rose,

Paul Neyron, dwarf bushed; gigantic rose-pink, fragrant flowers.

BABY OR DWARF POLYANTHA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 50	$ 50 00	$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

Cameo, shell pink and salmon with a glow of gold; blooms continuously.

Ellen Poulsen, splendid bright rose-pink flowers of large size; fragrant.

Golden Salmon Supreme, large clusters of striking reddish-orange flowers; low growth.

Ideal, dark scarlet in immense compact clusters; free-flowering.

Lafayette Improved, large flowers of bright cherry-crimson.

FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
Assorted as follows, No. 1	$ 5 50	$ 50 00	$450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	2 90	25 00	220 00

Baby Chateau, Deep red blooms, one of the best of its type.

Else Poulsen, lasting bright rose-pink flowers; semi double.

Gruss an Aachen, large light flesk-pink and salmon-yellow.

RUGOSA, HYBRIDS AND MISCELLANEOUS

	Per 10	Per 100	Per 1000
Belle Poitevine, very large, magenta-pink flowers.			
2 to 3 ft.	$ 5 00	$ 45 00	$400 00
18 to 24 in.	4 00	35 00	300 00
12 to 18 in.	2 90	25 00	------
F. J. Grootendorst, small bright red flowers in clusters.			
2 to 3 ft.	6 50	60 00	550 00
18 to 24 in.	5 50	50 00	450 00
12 to 18 in.	4 50	40 00	350 00

ROSES—Continued

RUGOSA, HYBRIDS AND MISC.—Continued	Per 10	Per 100	Per 1000
Grootendorst Pink, charming pink variety of Grootendorst.			
2 to 3 ft.	$ 6 50	$ 60 00	$550 00
18 to 24 in.	5 50	50 00	450 00
12 to 18 in.	4 50	40 00	350 00
Grootendorst Supreme, sport of F. J. Grootendorst with deeper crimson-red longer-lasting flowers than its parent.			
2 to 3 ft.	6 50	60 00	------
18 to 24 in.	5 50	50 00	------
12 to 18 in.	4 50	40 00	------
Hansa, large, double reddish violet flowers; very hardy.			
2 to 3 ft.	5 00	45 00	400 00
18 to 24 in.	4 00	35 00	300 00
12 to 18 in.	2 90	25 00	------
Harrison's Yellow, semi-double bright yellow; early.			
2 to 3 ft.	6 50	60 00	------
18 to 24 in.	5 50	50 00	------
Hugonis, early blooming shrub rose; pale yellow; hardy.			
3 to 4 ft.	6 50	60 00	------
2 to 3 ft.	5 50	50 00	450 00
18 to 24 in.	4 50	40 00	350 00
Rugosa Rubra, large single flowers of various shades of pink, magenta, and rosy crimson, blooms early.			
2 to 3 ft.	5 00	45 00	------
18 to 24 in.	4 00	35 00	------
12 to 18 in	2 90	25 00	------
Sir Thos. Lipton, snowy white flower freely produced.			
2 to 3 ft.	5 50	50 00	------
18 to 24 in.	4 50	40 00	------

CLIMBERS AND RAMBLERS

	Per 10	Per 100	Per 1000
American Pillar, large single flowers of crimson-pink. Large white center in tremendous clusters; hardy.			
No. 1	$ 4 50	$ 40 00	$------
No. 1½	3 50	30 00	------
Climbing American Beauty, crimson flowers in clusters.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 50	22 00	200 00
Dorothy Perkins, miniature shell pink flowers in clusters.			
No. 1	3 20	28 00	250 00
No. 1½	2 50	22 00	200 00
No. 2	2 00	17 50	150 00
Dr. Van Fleet, large, flesh-pink flowers on long stems.			
No. 1	5 00	45 00	------
No. 1½	4 00	35 00	------
No. 2	2 90	25 00	------
Excelsa, intense scarlet, large clusters of small flowers.			
No. 1	3 20	28 00	250 00
No. 1½	2 50	22 00	200 00
No. 2	1 90	16 00	150 00

ROSES—Continued

CLIMBERS AND RAMBLERS—Continued	Per 10	Per 100	Per 1000
Gardenia, creamy-yellow flowers in small sprays; quite hardy.			
No. 1	$ 3 50	$ 30 00	$------
No. 1½	2 50	22 00	------
No. 2	1 90	16 00	------
Paul's Scarlet Climber, large, intense scarlet flowers borne in clusters; free-flowering and hardy.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 50	22 00	200 00
Primrose, double, canary-yellow flowers; hardy.			
No. 1	5 00	45 00	400 00
No. 1½	4 00	35 00	300 00
No. 2	2 90	25 00	200 00

CLIMBING HYBRID TEA ROSES

Assorted as follows, No. 1	5 50	50 00	450 00
" " " No. 1½	4 50	40 00	350 00
" " " No. 2	4 00	35 00	300 00

Caledonia—Pure White.

Etoile de Holland—Dark Velvety Red.

Mrs. P. S. Dupont—Golden Yellow.

Pink Radiance—Very good reliable pink.

Talisman—Golden Yellow stained copper red.

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are FOR SALE AT RETAIL ONLY, at or above prices specified. 10 to 20 at 10 rate; and up at 100 rate—PRICES ARE NET.

HYBRID TEA

	Per 10	Per 100
American Flagship, Patent No. 676 (Retails $1.50 each; $15.00 per doz.) Attractive urn-shaped buds open to high-centered, well-formed double flowers of velvet-textured crimson-red, deeply shaded with rich ox-blood tones. Holds color in sun; does not blue; vigorous grower; free bloomer; attractive foliage; black-spot resistant.	$ 9 00	$ 75 00
Charlotte Armstrong, Patent No. 455. (Retails $1.50 each; $15.00 per doz.) Brilliant blood-red buds on long slender stems opening to magnificent spectrum-red in cool weather, cerise in hot weather. A.A.R.S. award for 1941.	9 00	75 00
Crimson Glory, Patent No. 105. (Retails $1.50 each; $15.00 per doz.) Most popular of all the crimson roses. Flowers very large deep crimson with perfect form and fine fragrance.	9 00	75 00
Douglas MacArthur (Patented) (Retail price $2.00 each; $20.00 per doz.) Known as (The Commander's Rose). A vigorous American rose that requires no coddling and asks no favors. Strong bushes send up numerous shoots which are loaded with a tremendous quantity of buds. These long graceful tulip-shaped buds open slowly into a glorious flower of rose, gold and salmon beautifully blended. One of the best of the new patented roses.	9 00	75 00
Heart's Desire, Patent No. 501. (Retails $1.50 each; $15.00 per doz.) The color is a pure even shade of luminous red, without any shadings of maroon. It is sun-proof even in the hottest weather and does not burn. One of the chief points of this new rose is fragrance. Plant is of exceedingly vigorous growth, prolific bloomer with buds of superb form and open blooms hold their shape until last petal drops.	9 00	75 00

ROSES—Continued

PATENTED ROSES—Continued	Per 10	Per 100
J. Horace McFarland, Patent No. 730. (Retails $1.50 each; $15.00 per doz.) Named in honor of Dr. J. Horace McFarland of Harrisburg, Pennsylvania. An upright growing vigorous plant producing an abundance of large deep apricot buds opening into beautiful buff-salmon spicily scented blooms of 45 petals. A.A.R.S. award for 1945.	$ 9 00	$ 75 00
Lowell Thomas, Patent No. 595. (Retails $1.50 each; $15 per doz.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high-centered, lasting, clear canary-yellow, on strong stem. Vigorous, compact, bushy plants; upright, intermittent bloomer. A.A.R.S. award for 1944.	9 00	75 00
Mme. Chiang Kai-shek, Patent 664. (Retails $1.50 each; $15.00 per doz.) An unusually large double high centered 24-30 petaled flower. Color is Empire to lemon yellow turning lighter as the blooms mature on long stems. Buds are very large, long and pointed. Vigorous, upright and compact. Abundant bloomer. A.A.R.S. award for 1944.	9 00	75 00
Peace, Patent No. 591. (Retails $2.00 each; $20.00 per doz.) This rose is almost unbelievable. One marvel of it is the dawnlike range of colors through which it passes, from opening yellow buds, with edges picoteed cerise, to the glorious 5-inch, alabaster blooms, each petal edged with pink that seems to deepen as the flower slowly opens. The shades of color vary, also, from flower to flower and through the changing seasons. We find this one of the largest of all Hybrid Tea roses with fine rich green foliage and strong healthy canes. This rose has everything a tea rose could possibly have. A.A.R.S. award for 1946.	11 00	100 00
Pearl Harbor, Patent No. 637. (Retails $1.50 each; $15.00 per doz.) Light poppy-pink, reverse China rose on long stem. Bud large, long-pointed; flower exceptionally large, double and high-centered.	9 00	75 00
Rubaiyat, Patent No. 758. (Retails $1.50 each; $15.00 per doz.) The sole all-America winner for 1947. Long shapely buds. Is a scintillating rose-red or crimson becoming paler in the open bloom and with the reverse side of the petals becoming several shades lighter. Both buds and flowers are extra large. Carry a pronounced and delightful damask-rose fragrance. Blooms from early summer until frost time in the fall.	9 00	75 00

FLORIBUNDA	Per 10	Per 100
Betty Prior, Patent No. 340. (Retails $1.00 each; $10.00 per doz.) Produces large fragrant clusters continuously throughout the season. Opens lively red, turning to shell pink. Desirable for mass planting.	$ 5 50	$ 50 00
Donald Prior, Patent No. 377. (Retails $1.00 each; $10.00 per doz.) The large flowers are semi-double bright scarlet, flushed crimson, fragrant. Free flowering. One of the most striking colors of Floribunda group.	5 50	50 00
Pinnochio, Patent No. 484. (Retails $1.25 each; $12.50 per doz.) A hardy plant producing an abundance of pointed buds of salmon flushed gold, opening to miniature Hybrid Tea-like roses of soft clear pink and in great clusters.	7 00	60 00
World's Fair, Patent No. 362. (Retails $1.25 each; $12.50 per doz.) First award (All-America rose selection) for Floribundas in 1940. Produces large clusters of velvety blooms of fragrant blackish-scarlet with glowing mass of golden stamens.	7 00	60 00

CLIMBERS	Per 10	Per 100
Blaze, Patent No. 10. (Retails $1.50 each; $15.00 per doz.) a hardy, vigorous climbing rose similar to Paul's Scarlet. Recurrent bloomer. Scarlet-crimson flower.	$ 9 00	$ 75 00

HARDY PERENNIAL PLANTS

Our assortment of Hardy Perennials, Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as the indispensable old favorites.

We offer Field Grown, clean, well-rooted individual plants that are vigorous and free from disease.

Our perennials are properly packed with fresh, clean packing material in well ventilated boxes.

All perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root. Starred varieties (*) especially suited for rock-garden.

	Per 10	Per 100
ACHILLEA, Milfoil or Yarrom		
Ptarmica Snowball, an improved new variety with fuller, more perfect flowers. Double white. 2 ft. All Summer.	$ 1 20	$ 10 00
AQUILEGIA, Columbine. May-June.		
Chrysantha, best long-spurred golden yellow flowers. 2½ ft. Late.	1 40	12 00
Chrysantha Silver Queen, best long-spurred pure white. 2½ ft.	1 40	12 00
***coerulea** (Rocky Mountain Blue Columbine) 2 ft.	1 40	12 00
Dobbies Imperial Hybrids. Fine wide assortment of colors, very sturdy, of great size. A recent English Triumph.	1 40	12 00
Mrs. Scott Elliott Hybrids, a dependable and recommended strain of long-spurred columbines. 2½ ft.	1 40	12 00
Lavender and Blue Shades, long-spurred flowers. 2 ft.	1 40	12 00
Pink and Rose Shades, long spurred flowers. 2 ft.	1 40	12 00
Ruby and Crimson Shades, long-spurred flowers. 2 ft.	1 40	12 00
ASTERS, HARDY—Starwart or Michaelmas Daisy. Sept.-Oct.		
Barrs Pink, a selected strain of compact bushy growth. Clear rose-pink flowers. 3-4 ft.	1 40	12 00
Beechwood Challenger, clear criason-red, free flowering. 3½ ft.	1 80	15 00
Blue Gown, finest late blue variety. Huge blossoms of deep blue. Most ideal for cutting. 3-4 ft.	2 10	18 00
Blue Plume, large, nearly double flowers of rich, deep purple. A choice introduction. 3-4 ft.	2 10	18 00
Hilda Ballard, beautiful opalescent mauve or lilac color, of great size.	1 40	12 00
Mt. Everest, the finest and best white Aster. 3-4 ft.	1 40	12 00
Red Cloud, large deep red flowers on medium tall plants.	2 10	18 00
Violetta, semi-double flowers of deep violet blue completely covering the entire plant. One of the best.	2 10	18 00

***ASTERS, Hardy Dwarf. September-October.**

The Dwarf Asters are, while in flower, without exception the most striking border plants in existence. They are truly dwarf, very hardy, and bloom profusely.

Lilac Time, compact rounded blue flowers. A very striking variety. 12 in.	1 40	12 00
Snowsprite, graceful plants; semi-double white flowers. 12 in.	1 40	12 00

BUDDLEIA, Butterfly Bush—(See Ornamental Shrubs)

PERENNIALS—Continued

CAMPANULA, Bellflower

Beauty of Telham. A greatly improved Bellflower with large blue flowers.	$ 1 40	$ 12 00
medium (Single canterburybells), large bell-shaped flowers. **Blue, Rose and White,** separate colors. June. 2 ft.	1 40	12 00

GARDEN CHRYSANTHEMUMS

Our Hardy Chrysanthemums have all been especially selected for hardiness and for early blooming qualities. We have entirely culled out the older and poor varieties. Over a long period of shipping we have found field grown plants much less satisfactory than pot grown Chrysanthemums for spring sales. We are offering heacy plants out of 2¼ in. pots only, this spring. No field grown material offered.

	Per 10	Per 100
APRICOT GLOW. Richly hued apricot-bronze, 2½ inches, double blossoms. Mid-August. Grows to a height of about 18 inches with a spread of 2½ feet the first season.	$ 2 10	$ 18 00
AVALANCHE. Large well formed double white flowers in great quantities. A beautiful white chrysanthemum. 2½ to 3 ft. Late Sept.	2 10	18 00
BUTTERBALL. Double, ball-like dark lemon-yellow flowers produced profusely on low compact plants. Mid-August. 18 inches.	2 10	18 00
CHARLES NYE. Large, 3 inch, fully double, rich buttercup-yellow flowers produced in clusters. Excellent for cutting, blooming in early October. About 2 feet.	3 50	30 00
COURAGEOUS. Dark ruby-red, large, double flowers, 3½ inches in diameter. Strong, upright, healthy green foliage. Late September.	3 50	30 00
DEAN LADD. Another of the Dean Kay series, prominent for its very early flowering date. Flowers are double, reddish-bronze, a unique autumn color.	1 80	15 00
GLACIER. Pure glistening white, full double flowers. Height 18 in. to 2 ft. Plant solid white with blooms.	1 80	15 00
GLOWING COALS. Bright cherry-red with reverse of petals a beautfiul orange shading. Mid-September.	3 50	30 00
HEATHERBLOOM. Double deep mulberry pink flower about 2½ inches in diameter. Plants are vigorous growing in full bloom by Mid-September.	2 10	18 00
OLIVE LONGLAND. Apricot pink, full double flower of 3 inches. Lovely pastel color, blooms freely. Grows erect. 2½ feet. Mid-September.	2 10	18 00

CUSHION CHRYSANTHEMUMS

A group of low-growing 'Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period. Strong plants out of 2½ in. pots.

	Per 10	Per 100
Pink Cushion, masses of light pink flowers in broad mounds.	$ 1 80	$ 15 00
Red Cushion, a splendid improved early crimson red variety.	1 80	15 00
White Cushion, a select strain, double white flowers.	1 80	15 00
Bronze Cushion, double flowers compact mounds of bronze and copper. Early.	1 80	15 00

HARDY CARNATION—See Dianthus Grenadin Caryophyllus

PERENNIALS—Continued

	Per 10	Per 100
COREOPSIS, Tickseed		
Mayfield Giant, large yellow flowers on firm, strong stems.	$ 1 20	$ 10 00
DAISY SHASTA, Chrysanthemum Maximum		
Alaska Supreme, shapely plants, large flowers. June-July.	1 20	10 00
DELPHINIUM, Larkspur		
Pacific Hybrids Mixed. This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 5 feet long closely packed with individual flowers from 2 to 3 inches across, many are double, semi-double, some single.	1 80	15 00
Belladonna. Beautiful sky-blue. Blooms in June and again in September. 4 to 5 ft.	1 10	9 00
Clivenden Beauty, large spikes, sky flowers. Good forcer. Blooms most of the Summer. 4-5 ft.	1 20	10 00
La Martine, dark indigo-blue flowers. Blooms profusely and continuously all summer; is not subject to disease. 4-5 ft.	1 20	10 00
***DIANTHUS**		
barbatus, Old-Fashioned Sweet Williams. May-June.		
atrococcineus flore pleno, deep intense scarlet; double-flowering. Blooms all summer. 12 in.	1 20	10 00
Sutton's Strain of Pink Beauty, Rich Crimson, Separate colors. 15 in.	1 20	10 00
plumarius semperflorens Fl. Pl., single and double pinks. 15 in.	1 20	10 00
Species:		
deltoides Brilliant, crimson red flowered rock plant. May. 8 in.	1 40	12 00
latifolius Silver Mine, white flowers. Prolific bloomer. 8 to 10 in.	1 80	15 00

DIANTHUS GRENADIN CARYOPHYLLUS (HARDY CARNATION)

This is the hardiest of all outdoor carnations. Very fragrant, full double producing large flowers on long stems. The finest of all varieties.

Golden Sun. Early flowering, very double, large clear yellow flowers.	$ 1 50	$ 12 00
Rose Queen Triumph. Deep Delicate Pink.	1 50	12 00
Scarlet—Rich Scarlet. Extra Large Flowering.	1 50	12 00
White.	1 50	12 00

DIELYTRA, (DICENTRA) Bleeding Heart		
***eximia, Fern-leaved Bleeding Heart.** A hardy worthy variety for rock-garden planting, borders and many other locations. Rose pink flowers in showy racemes all summer. 15 in.	2 10	18 00
***FUNKIA, plaintain Lily**		
lancifolia, green foliage, lilac flowers. July-Aug. 18 in.	1 80	15 00
***variegata,** green and white foliage, blue flowers. July. 12 in.	2 10	18 00
GAILLARDIA, Blanket Flower. June until frost.		
Burgundy, rich wine-red; excellent for cutting. 1½-2 ft.	1 40	12 00
Dazzler, large golden and maroon flowers, strong stems. 1½ ft.	1 40	12 00

PERENNIALS—Continued

	Per 10	Per 100
GYPSOPHILA, Baby's Breath.		
Bristol Fairy. Showy, new double white flowers, in which the individual blossom is much larger. Highly prized for cutting. Flowers continuously through the summer. 2 ft. Out of 2½ in. pots.	$ 3 00	$ 12 00
oldhamiana, white, delicately tinted pink. September. 3 ft.	1 40	12 00
paniculata compacta, a symmetrical mass of minute white flowers during August and September. 2 ft.	1 20	10 00
Snow White Double. Pure white double strain.	1 40	12 00
HEMEROCALLIS, Day Lily		
flava, clear lemon yellow, sweet scented, profuse. June. 2½ ft.	1 20	10 00
Florham, large trumpet-shaped golden yellow flowers. June.	1 80	15 00
Kwanso fl. Pl., a double-flowering variety; rich golden bronze. July-August. 4 ft.	1 80	15 00
Margaret Perry, brilliant coppery crimson flowers with clear yellow base. A vigorous tall grower. 5-6 ft.	1 80	15 00
Mrs. H. Wyman, perfect, well rounded flowers of pure gold. July-August. 4 ft.	1 80	15 00
Thunbergi, much like flava but flowers one month later. July. 2½ ft.	1 20	10 00
***HIBISCUS, Rose Mallow**		
Giant Flowering Mixed. August-September. 4-5 ft.	1 40	12 00
LATHYRUS, Everlasting Sweet Pea		
latifolius, a lovely trailing plant that blooms all summer. Pink, Red and White, separate colors. 3 ft.	1 40	12 00
***LINUM, Flax**		
perenne, bright blue flowers, upright growth.	1 20	10 00
LOBELIA, Indian Paintbrush		
Cardinalis, Cardinal Flower, rich, fiery cardinal flowers often producing 4 to 6 spikes. August-September. 30 in.	1 40	12 00
LUPINUS, Lupines		
Russell Hybrids, striking pea-shaped flowers of unusual color combinations produced on strong 3 to 4 foot spikes. Spring delivery only.	1 80	15 00
LYTHRUM		
The Beacon, for small borders or large mass planting, the long-lasting, clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally in wet semi-shade and open dry sun. July to frost.	1 80	15 00
MYOSOTIS, Forget-me-not (RG)		
Lovely flowers, familiar to almost everyone. Blooms in early spring.		
Pink Beauty. Clusters of large, deep pink forget-me-not flowers. Good cut flower. June to September. 2½ in. pot plants.	2 10	18 00

PERENNIALS—Continued

	Per 10	Per 100
OENOTHERA, Evening Primrose		
***Missouriensis,** a prostrate species with ascending branches; golden-yellow. June-Aug. 12 in.	$ 1 40	$ 12 00
PAPAVER		
Oriental Hybrid, scarlet crimson with black spots at base of each petal. Grows from cuttings. Dormant roots from cold storage.	1 40	12 00

PHLOX—paniculata

All varieties of Phlox offered are Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Africa. Brilliant carmine-red with blood-red eye. Well shaped flower heads composed of large compact florets. Good strong stems. 30 in.	$ 1 80	$ 15 00
Annie Laurie. Rich, deep salmon. Large trusses. Grows to a height of about three feet.	1 80	15 00
Brilliant, large trusses of brilliant crimson flowers, darker eye.	1 40	12 00
Flash. New. Showy bright red. One of the best of the new Phlox.	1 80	15 00
Jules Sandeau, rather dwarf in habit, but producing very large heads of brilliant watermelon pink blossoms.	1 40	12 00
Lillian, the very popular variety resembling Columbia; a lovely pure pink without any trace of magenta or rose. The florets are very large. Blooms profusely.	1 80	15 00
Orange Beauty. One of the newest, and the best orange we have ever seen. Brilliant clear orange with large flowers. Good grower.	2 40	20 00
Prime Minister, pure white with distinct crimson eye.	1 40	12 00
Rheinlander, salmon pink with carmine eye.	1 40	12 00
Rosea Superba. Large heads of light lilac-pink. Vigorous grower.	1 40	12 00
Ruby Lee. Extra large plum-red flowers. Medium height.	2 10	18 00
Special French. This is one of our very best Phlox. Good grower, free bloomer. Large, blush-pink with salmon eye.	1 40	12 00
PHLOX, subulata, Moss or Mountain Pinks		
alba, pure white flowers cover the plant in May.	1 40	12 00
atropurpurea, the best red subulata Phlox; deep carmine red, darker eye. May-June. 4 in.	1 40	12 00
lilicina, a strong growing creeping variety for massing in the rockery, completely covered with light blue flowers. May. 4 in.	1 40	12 00

PHLOX—Continued

	Per 10	Per 100
PHLOX, subulata, Moss or Mountain Pinks—Continued		
rosea, rose-pink; thrives in hot, dry situations; a fine bank cover.	$ 1 20	$ 10 00
Sampson rose-pink, darker eye. Blooms again in the Fall.	1 40	12 00
Vivid, vivid rose-pink, darker eye. Very choice; free flowering.	1 80	15 00
PLATYCODON, Balloon Flower. June and July. 18 in.		
grandiflorum, blue.	1 40	12 00
SALVIA (Sage)		
Edible, especially valuable for seasoning. 2 ft.	1 40	12 00
SCABIOSA		
Caucasica Blue Bonnet. 2 feet. The blue flowers have a beauty all their own. This choice, hardy plant with its large flowers adds class to a mixed bouquet, and used alone makes a stunning arrangement.	1 80	15 00
***SEDUM, Stonecrop**		
Acre, (Golden Moss) green foliage, yellow flowers. July. 4 in.	1 40	12 00
Spectabilis Brilliant light green foliage, broad heads of rich rose-red flowers. August-September. 15 in.	1 40	12 00
VERONICA, Speedwell		
Spicata, long spikes of violet-blue flowers all summer. A very fine plant for the middle of the hardy border.	1 40	12 00
***VIOLA, Cornuta (Tufted Pansies)** Best edging plant for hardy border. May. 6 in.	1 40	12 00
Blue Gem, deep violet flowers in great profusion all summer	1 40	12 00
Jersey Gem, dwarf bedding variety; rich violet, fragrant.	1 40	12 00

LILIUM, Domestic Grown

regale, flowers are white, slightly suffused with pink, with a beautiful shade of canary yellow extending part way up the trumpet. June-July. 3-5 ft.		
3 to 4 inches	60	5 00
4 to 5 inches	90	7 00
5 to 6 inches	1 10	9 00
6 to 8 inches	1 50	12 00
tenuifolium (Carol L) Narrow-leaved; deep scarlet waxen recurved flowers. June. 15 in.		
2 to 3 in.	1 20	10 00
3 to 4 in.	1 40	12 00
4 to 5 in.	1 80	15 00
tigrinum, the well-known old-fashioned lily; bright orange, thickly covered with purple spots.		
Double 4 to 6 in.	90	8 00
Single 4 to 6 in.	1 40	12 00
Single 6 to 8 in.	1 80	15 00
LILY-OF-THE-VALLEY (Convallaria majalis)		
Very fragrant pure white, bell-shaped flowers for shaded locations.		
Pips	40	3 50
Clumps (10 pips each)	2 90	25 00

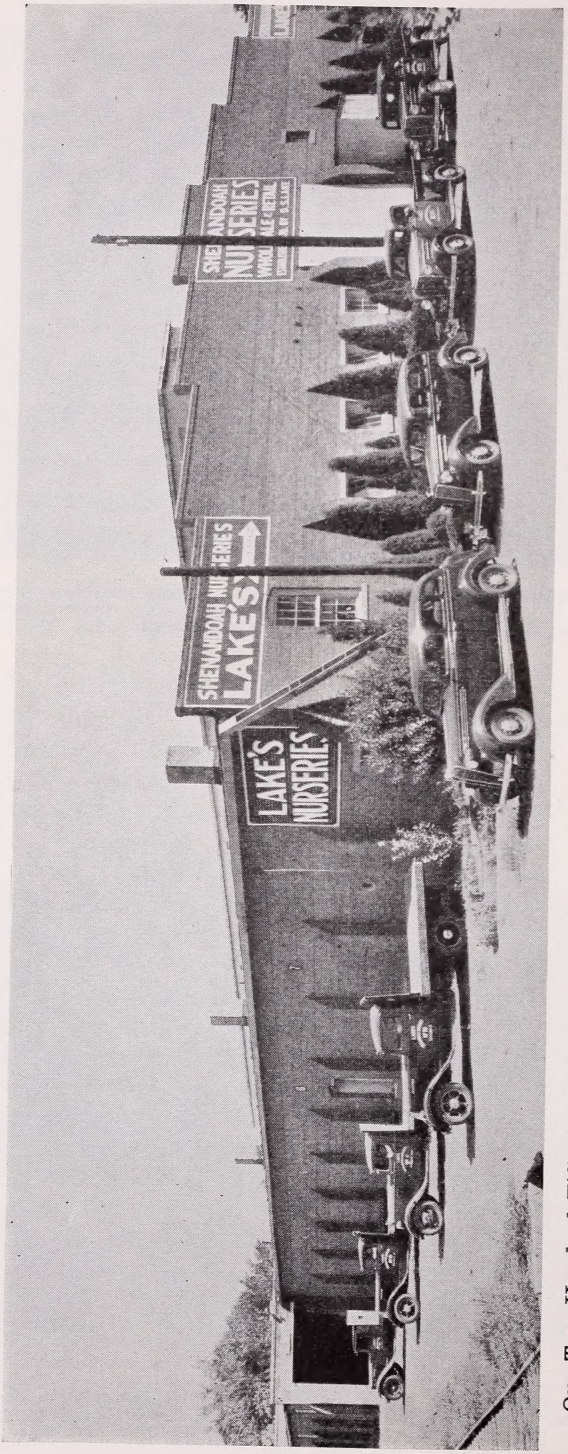
NEW MODEL G ALLIS-CHALMERS ENGINE IN THE REAR TRACTOR. This eliminates the walking garden tractors in our perennial, shrub and tree seedlings growing areas. All of the working tools are immediately under the eyes of the driver and the machine is equipped to plant, hill, cultivate and dig.

HIGH CLEARANCE CULTIVATOR. Heavy Minneapolis-Moline tractor redesigned and adapted for high clearance cultivating. The machine cultivates two rows at a time and has a clearance of about 5½ feet. This practically eliminates cultivator damage in the larger fruit tree blocks and in blocks of young shade trees and other large material.

IMPROVED KELLY DIGGER. We greatly favor the use of a Kelly side digger mounted on a large tractor for the digging of light material. This digger is equipped with a two-way hydraulic ram which does a fine job of lifting digger blade and putting it into the ground.

NEW CATERPILLAR TRACTOR DIGGER. The Caterpillar is a D-4 Model. The digger blade is mounted on front with a hydraulic lift and when this picture was taken was digging to the depth of about 25 inches. The trees are cut, passed through a protected funnel under the tractor and are ready to be lifted out. The digger blade is followed by an oscillating lifter which lifts up the plant and at the same time shakes a great deal of the dirt free from the roots. This equipment is narrow enough so it can easily dig 42 inch single rows.

ONE OF OUR IMMENSE "FROST PROOF" STORAGES



Our Two Hundred Fifty Carload capacity Storage is classed with the best Nursery Storages in the Country. It is conveniently located so that Railroad Cars and Trucks can be loaded in "above freezing" temperatures in most severe weather.

A view of our Nursery Cars and Trucks can be seen in the foreground.

NURSERYMEN'S SUPPLIES

Due to the limited supply, we are not listing our usual line of Nurserymen's Supplies.

BOXING CHARGES

30x30x10	$6.00	24x24x6	$3.75
30x30x8	5.50	20x20x10	4.25
30x30x6	4.50	20x20x8	3.75
30x30x5	3.75	20x20x5	3.00
30x30x4	3.25	18x18x10	4.25
24x24x10	5.50	16x16x10	3.50
24x24x8	4.75	12x12x10	3.00

CORRUGATED BOXES

60x16x16	$1.15	24x15x15	$ .60
48x20x20	1.20	24x12x12	.45
48x16x16	1.00	24x8x8	.35
36x15x15	.75	22x15x22	.65
36x10x12	.75	22x12x12	.50
28x8x8	.35	15x12x10	.35

Bales will be charged at actual cost of the material and labor.

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